



# STIC EIC 3600 Search Request Form

Today's Date:

8-31-04

Priority Date:

12-7-01

For 705 Searches list subclass:

705/8

Your Name NIKE HECK

AU 3623

Examiner # 79771

Room # PK5-7B06

Phone 305-6215

Serial # 10 005759

Is this a Rush? YES NO

SPE's Signature \_\_\_\_\_

Is this a first action amendment? YES NO

Is this a refocus? YES NO

Access # \_\_\_\_\_

What is the focus of this search? Please include concepts, synonyms etc.

Attach a copy of the abstract, pertinent claims and your East search strategy. Thanks.

A computerized process to accelerate improvement to a product:  
(A software development process - Capability Maturity Model)

A. MANAGE development organization

1) by managing computer personnel

2) developing a performance measure infrastructure

3) designing & deploying training.

2) by implementing a product improvement process.

a) create & maintain a Software Engineering Process Group (SEPG)

b) manage & improve process comprising controlling, rolling out & supporting  
and completing SEPG projects.

B. managing a project for development of product.

C. managing delivery of product (in order)

1) analyzing product

2) designing product

STIC Searcher \_\_\_\_\_

Phone \_\_\_\_\_

Date picked up \_\_\_\_\_

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2/2

## STIC EIC 3600 Search Request Form

Today's Date: \_\_\_\_\_

Priority Date: \_\_\_\_\_

For 705 Searches list subclass: \_\_\_\_\_

Your Name \_\_\_\_\_

AU \_\_\_\_\_ Examiner # \_\_\_\_\_

Room # \_\_\_\_\_ Phone \_\_\_\_\_

Serial # 10 605759

Is this a Rush? YES NO

SPE's Signature \_\_\_\_\_

Is this a first action amendment? YES NO

Is this a refocus? YES NO

Access # \_\_\_\_\_

What is the focus of this search? Please include concepts, synonyms etc.

Attach a copy of the abstract, pertinent claims and your East search strategy. Thanks.

- 3) building & Testing product:
- a) Technology infrastructure
  - b) An application
  - c) acceptance test
- 4) Deploying product

where managing development organization (A), project development (B), and delivery of product (C) occur concurrently.

Results from managing development organization (A) are used to modify the project development (B) and delivery of product (C).

Results from managing project development (B) and delivery of product (C) are used to modify managing development organization (A).

STIC Searcher \_\_\_\_\_ Phone \_\_\_\_\_  
Date picked up \_\_\_\_\_ Date completed \_\_\_\_\_





# **STIC Search Report**

## **EIC 3600**

**STIC Database Tracking Number: 131448**

**TO: Michael Heck  
Location: 7B06  
Art Unit : 3623  
Thursday, September 02, 2004**

**Case Serial Number: 10/005759**

**From: Bode Akintola  
Location: EIC 3600  
PK5-Suite 804, 8A01  
Phone: 308-6150**

**Olabode.akintola@uspto.gov**

### **Search Notes**

Examiner Michael,

Please find attached your search results.

Please let me know if you like for me to try a refocused search with a different strategy or additional terms.

Please take a few minutes to fill the attached Colored feedback form to the EIC.

Thanks,

Bode Akintola





①

~~APL 1/2~~

## STIC EIC 3600 Search Request Form

Today's Date:

8-31-04

Priority Date:

12-7-01

For 705 Searches list subclass:

705/8

Your Name Nike Heck

AU 3623

Examiner # 79111

Room # PK5-7B06

Phone 305-8215

Serial # 10 005759

Is this a Rush? YES NO

SPE's Signature \_\_\_\_\_

Is this a first action amendment? YES NO

Is this a refocus? YES NO

Access #

131448

What is the focus of this search? Please include concepts, synonyms etc.

Attach a copy of the abstract, pertinent claims and your East search strategy. Thanks.

A computerized process to accelerate improvement for a product:

(A software development process - Capability Maturity Model)

A. MANAGE development organization

1) by managing computer personnel

a) developing a performance measure infrastructure

b) designing & deploying training

2) by implementing a product improvement process

a) create & maintain a Software Engineering Process Group (SEPG)

b) manage & improve process comprising controlling, rolling out & supporting and completing SEPG projects

B. managing a project for development of product

C. managing delivery of product (in order)

1) analyzing product

2) designing product

STIC Searcher \_\_\_\_\_

Phone \_\_\_\_\_

Date picked up \_\_\_\_\_

Date completed \_\_\_\_\_



08-31-04 004:49 IN





# STIC EIC 3600 Search Request Form

Today's Date:

Priority Date:

For 705 Searches list subclass:

Your Name \_\_\_\_\_

AU \_\_\_\_\_ Examiner # \_\_\_\_\_

Room # \_\_\_\_\_ Phone \_\_\_\_\_

Serial # 10 605759

Is this a Rush? YES NO

SPE's Signature \_\_\_\_\_

Is this a first action amendment? YES NO

Is this a refocus? YES NO

Access # \_\_\_\_\_

What is the focus of this search? Please include concepts, synonyms etc.

Attach a copy of the abstract, pertinent claims and your East search strategy. Thanks.

- 3) building & Testing product:
  - a) Technology infrastructure
  - b) An application
  - c) acceptance test
- A) Deploying product

where managing development organization (A), project development (B) and delivery of product (C) occur concurrently.

Results from managing development organization (A) are used to modify the project development (B) and delivery of product (C)

Results from managing project development (B) and delivery of product (C) are used to modify managing development organization (A).

STIC Searcher \_\_\_\_\_

Phone \_\_\_\_\_

Date picked up \_\_\_\_\_

Date completed \_\_\_\_\_



Furthermore, please replace the Abstract at page 101, line 1, with the following rewritten paragraph:

B17  
-- The present invention relates to a method and related system for assisting and expediting an organization's transformation toward higher levels of the Capability Maturity Model (CMM). In particular, the present invention provides a method for producing development of a more mature product. A preferred embodiment of the method comprises the managing of an organization developing the product, whereby the organizational management comprises managing personnel of the organization and implementing a product improvement process. The method may further comprise managing a project for developing the product and managing the delivery of the product. Furthermore, actions undertaken during the organizational management affects implementation of the project and delivery managements, and the actions undertaken during the project and delivery managements likewise affect implementation of the organizational management. In another embodiment, [T]his method may be implemented using a combination of both electronic hardware and software and may be implemented locally or over a network such as an intranet or the Internet.--

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### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with David N. Nelson, Reg. No. 47, 818 on 1 April 2004.

The application has been amended as follows:

On page 5 of the specification, lines 5-6, insert after "comprises the managing" of.

Please amend claim 51 as follows:

Claim 51. A computerized process for accelerating improvement to a product, the method comprising:

a) a step for managing on a computer an organization developing said product, said step for managing an organizational comprising

a step for managing on a computer personnel of said organization

*P1* comprising designing a performance measurement infrastructure and designing and deploying training, and

a step for implementing on a computer a product improvement process as needed to create and maintain a Software Engineering Process Group (SEPG) and to manage and improve the organizations processes comprising controlling, rolling out and supporting, and completing SEPG project work;

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b) a step for managing on a computer a project for development of said product; and

c) a step for managing on a computer delivery of said product, said computerized step for managing delivery of the product comprising:

a computerized step for analyzing the product;

a computerized step for designing the product, said designing step occurring after commencement of said analyzing step;

① a computerized step for building and testing the product, said building and testing step occurring after commencement of said designing step, said building and testing step comprising a step for building and testing the technology infrastructure, a step for building and testing an application, and a step for planning and executing product and acceptance tests; and

a computerized step for deploying the product, said deploying step occurring after commencement of said building and testing step;

whereby the step for managing the organization, the step for managing project development; and the step for managing delivery occur concurrently, results from the step for managing the organization are used to modify the step for managing project development and the step for managing delivery, and results from the step for managing project development and results from the step for managing delivery are used to modify the step for managing the organization.

---

Please amend claim 67 as follows:

---

Claim 67. The method of claim 66 further comprising computer directed managing of a program for implementing said managing the organization, managing development of said product; and

P2

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managing delivery of said product, wherein said step of managing an implementation program comprises the sequentially performed steps of:

Computer directed justifying the program;

Computer directed planning execution of the program after commencing said justifying;

P2 Computer directed organizing program resources after commencing said planning;

Computer directed controlling program work after commencing said organization;

and

Computer directed completing the program after commencing said controlling.

D3 Please amend claim 69 as follows:

Claim 69. A program storage device readable by a machine, tangibly embodying a program of instructions executable by a machine to perform the method steps comprising:

a) a step for managing an organization developing said product, said step for managing an organization comprising

a step for managing personnel of said organization comprising designing a performance measurement infrastructure and designing and deploying training, and

a step for implementing a product improvement process as needed to create and maintain a Software Engineering Process Group (SEPG) and to manage and improve the organizations processes comprising controlling, rolling out and supporting, and completing SEPG project work;

b) a step for managing a project for development of said product; and

c) a step for managing delivery of said product, said step for managing delivery of the product comprising:

a step for analyzing the product;

a step for designing the product, said designing step occurring after commencement of said analyzing step;

03 a step for building and testing the product, said building and testing step occurring after commencement of said designing step, said building and testing step comprising a step for building and testing the technology infrastructure, a step for building and testing an application, and a step for planning and executing product and acceptance tests; and

a step for deploying the product, said deploying step occurring after commencement of said building and testing step;

---

Please amend claim 75 as follows:

---

Claim 75. The [method] program storage device of claim [51] 69, wherein the step for implementing a product improvement process comprising:

(i) a step for planning and organizing the Software Engineering Process Group (SEPG) and

04 (ii) a step for managing and improving the organization's processes, the step of managing and improving the organization's processes comprising controlling SEPG project work, rolling out and supporting SEPG projects, completing the SEPG project, and controlling process improvement.

---

Set	Items	Description
S1	0	AU=(BENGZON S? OR BENGZON, S?)
S2	258702	(PROJECT? ? OR PRODUCT? ?) (3N) (DEVELOP? OR IMPROV?)
S3	44088	PERFORMANCE (2N) (DETERMIN? OR MEASUR?)
S4	38311	ORGANI? (3N) (DEVELOP? OR MANAG?)
S5	21775	(PROJECT? ? OR PRODUCT? ?) (3N) (DELIVER? OR COMPLET? OR DEP-LOY?)
S6	293963	TRAINING OR TRAIN? ?
S7	27463	SEPG OR ENGINEER? (2N) PROCESS?
S8	3090	CMM OR CAPABILITY (1N) (MATURITY OR MODEL? ?)
S9	2339099	ELECTRONIC? OR ONLINE OR ON()LINE OR INTERNET OR INTRANET - OR WEB? OR HOMEPAGE OR HOME()PAGE OR NETWORK? OR PORTAL? OR W-WW OR CYBER? OR COMPUTERI?
S10	428	S2 (30X) S5
S11	14	S10 AND S4
S12	83	S8 AND S7
S13	20	S12 AND (S2 OR S4)
S14	34	S11 OR S13
S15	27	S14 NOT PY>2001
S16	27	RD (unique items)
File	2:INSPEC	1969-2004/Aug W4 (c) 2004 Institution of Electrical Engineers
File	35:Dissertation Abs Online	1861-2004/Jul (c) 2004 ProQuest Info&Learning
File	65:Inside Conferences	1993-2004/Aug W5 (c) 2004 BLDSC all rts. reserv.
File	99:Wilson Appl. Sci & Tech Abs	1983-2004/Jul (c) 2004 The HW Wilson Co.
File	233:Internet & Personal Comp. Abs.	1981-2003/Sep (c) 2003 EBSCO Pub.
File	474:New York Times Abs	1969-2004/Sep 01 (c) 2004 The New York Times
File	475:Wall Street Journal Abs	1973-2004/Sep 01 (c) 2004 The New York Times
File	583:Gale Group Globalbase(TM)	1986-2002/Dec 13 (c) 2002 The Gale Group
File	256:TecInfoSource	82-2004/Jul (c) 2004 Info.Sources Inc

16/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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7171376 INSPEC Abstract Number: C2002-03-0310F-011

**Title: The five maxims of project satisfaction**

Author(s): Boyd, A.

Author Affiliation: Dept. of Inf. Sci., City Univ., London, UK

Journal: Aslib Proceedings-New Information Perspectives vol.53, no.10  
p.423-30

Publisher: Aslib,

Publication Date: Nov.-Dec. 2001 Country of Publication: UK

CODEN: ASLPAO ISSN: 0001-253X

SICI: 0001-253X(200111/12)53:10L.423:FMPS;1-6

Material Identity Number: H179-2001-010

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: Software development projects are notoriously poorly managed. It is not uncommon for projects to be delivered late and over budget by a factor of 50% to 100%- in fact, in some software development organisations it is expected or even regarded as normal. The paper aims to fuse traditional project management theory with customer satisfaction principles most often applied within marketing disciplines. By thoroughly understanding the motivations of stakeholders and adopting a customer-focused approach, a project manager can begin to effectively manage expectations and reduce overall stakeholder dissatisfaction. (9 Refs)

Subfile: C

Descriptors: project management; software development management

Identifiers: software development projects; project management theory; customer satisfaction principles; marketing disciplines; stakeholders; customer-focused approach; expectation management

Class Codes: C0310F (Software development management)

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16/5/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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7082008 INSPEC Abstract Number: C2001-12-6110B-023

**Title: A benchmark-based adaptable software process model**

Author(s): Yingxu Wang; Leung, H.K.N.

Author Affiliation: Dept. of Electr. & Comput. Eng., Calgary Univ., Alta., Canada

Conference Title: Proceedings 27th EUROMICRO Conference. 2001: A Net Odyssey p.216-24

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 2001 Country of Publication: USA xiv+462 pp.

ISBN: 0 7695 1236 4 Material Identity Number: XX-2001-02017

U.S. Copyright Clearance Center Code: 1089-6503/2001/\$10.00

Conference Title: EUROMICRO 2001. Proceedings of the 27th EUROMICRO Conference. 2001: A Net Odyssey

Conference Sponsor: Euromicro

Conference Date: 4-6 Sept. 2001 Conference Location: Warsaw, Poland

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Benchmark-based process assessment and improvement is a cutting-edge technology in software engineering for adaptive and relative process improvement. It is found that benchmark-based process improvement



is more adaptable, feasible, and economical in **process**-based software **engineering**. By adopting the benchmark-based process improvement, the target capability levels of a software organization may be set related to the benchmarks of the software industry or a specific sector, rather than a virtual highest capability level according to a goal-oriented process model. The objective of this **project** is to **develop** a benchmark-based and organization and project size and features adaptable software process model (BBASPM). This report describes the architecture of the BBASPM model and its process and capability dimensions. BBASPM is developed by referring to the SEPRM model and benchmarks in process selection and target process capability determination. Adaptation guidelines of BBASPM to different sized organizations and projects are provided, especially for small organizations and small **projects**. BBASPM is **developed** as a superset of **CMM**, ISO 15504 and ISO 9001. Using the mapping mechanism provided in SEPRM, the BBASPM capability levels can be transformed into other process models and standards, such as **CMM** and ISO 15504. We also describe our experience in using BBASPM on a process **improvement project**. (12 Refs)

Subfile: C

Descriptors: software process improvement

Identifiers: benchmark-based adaptable software process model; benchmark-based process assessment; software engineering; adaptive process improvement; relative process improvement; benchmark-based process improvement; **process**-based software **engineering**; target capability levels; software organization; software industry; virtual highest capability level; BBASPM; SEPRM model; process selection; target process capability determination; **CMM**; ISO 15504; ISO 9001

Class Codes: C6110B (Software engineering techniques)

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16/5/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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7049947 INSPEC Abstract Number: C2001-11-1290F-061

Title: **A genetic algorithm for a multiobjective optimization model for partner selection in virtual enterprise**

Author(s): Cao Hong-Yi; Wang Ding-Wei

Author Affiliation: Sch. of Inf. Sci. & Eng., Northeastern Univ., Shenyang, China

Journal: Information and Control vol.30, no.4 p.348-51

Publisher: Chinese Assoc. of Automation,

Publication Date: Aug. 2001 Country of Publication: China

ISSN: 1002-0411

SICI: 1002-0411(200108)30:4L:348:GAMO;1-6

Material Identity Number: A481-2001-005

Language: Chinese Document Type: Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: The problem of partner selection in virtual enterprise is described and a multiobjective optimization model is proposed based on the new **product development project** organised by an activity network. The objective is, by selecting the optimal combination of partners, to minimize the project failure risk and **project completion** time. By using a genetic algorithm with self-adaptive shift line technique, the whole set of Pareto solutions is found. Simulation results show the efficiency of the algorithm. (6 Refs)

Subfile: C

Descriptors: business data processing; computer aided production planning; genetic algorithms; product development; production control; project

management; risk management

Identifiers: partner selection; virtual enterprise; multiobjective optimization; product development; project failure risk; completion time; genetic algorithm; self-adaptive shift line; Pareto solutions; project management

Class Codes: C1290F (Systems theory applications in industry); C7160 (Manufacturing and industrial administration); C1180 (Optimisation techniques)

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16/5/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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7042002 INSPEC Abstract Number: C2001-10-6110B-056

**Title: Generic training model for software process diffusion (GRASPD)**

Author(s): Thummalapalli, S.

Author Affiliation: KPMG Consulting Private Ltd., India

Conference Title: SPI 2000. Meeting the Integration Challenge. Conference Proceedings p.25-35

Publisher: SPI 2000, Milford, UK

Publication Date: 2000 Country of Publication: UK 364 pp.

Material Identity Number: XX-2000-02772

Conference Title: Proceedings of Software Process Improvement: SPI 2000

Conference Sponsor: Q-Labs

Conference Date: 4-7 Dec. 2000 Conference Location: Gothenburg, Sweden

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); Practical (P)

Abstract: This paper proposes a generic model for diffusing the software engineering process philosophy in a given software development organisation. The model has germinated from an acute need for methodological transfusion of the software engineering process within an organisation. It is a product of codified orthodoxy of experiential insights into the training function, the potential of the training function to further the process diffusion, and abstraction of underlying principles from successful practices of diffusion. The fundamental tenet of this model is to leverage the learning experiences of the software engineers to diffuse the process. It outlines its basic framework, structure, and implicit premises. It identifies the tailorability factors for its application in an organizational context. The paper reports the experiences with the instantiation of this model. It also reflects on the possible enhancements and the likely extensibility of this generic model to respond to the needs and requirements of our software engineering community. This paper leverages the instantiation of context-specific models such as people CMM, software CMM and SPICE in assessing the effectiveness of such diffusion of software engineering practices across the organization. (22 Refs)

Subfile: C

Descriptors: software process improvement; training

Identifiers: software process diffusion; GRASPD; generic training model; software engineering process; software development organisation; context-specific models; people CMM; software CMM; SPICE

Class Codes: C6110B (Software engineering techniques); C0220 (Computing education and training)

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16/5/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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6891697 INSPEC Abstract Number: C2001-05-1290F-062

**Title: Integrating operations and marketing perspectives of product innovation: the influence of organizational process factors and capabilities on development performance**

Author(s): Tatikonda, M.V.; Montoya-Weiss, M.M.

Author Affiliation: Kenan-Flager Bus. Sch., North Carolina Univ., Chapel Hill, NC, USA

Journal: Management Science vol.47, no.1 p.151-72

Publisher: Inst. Oper. Res. & Manage. Sci,

Publication Date: Jan. 2001 Country of Publication: USA

CODEN: MSCIAM ISSN: 0025-1909

SICI: 0025-1909(200101)47:1L:151:IOMP;1-2

Material Identity Number: M120-2001-002

U.S. Copyright Clearance Center Code: 0025-1909/2001/4701/0151\$5.00

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

**Abstract:** This paper adopts a multidisciplinary view of innovation by integrating operations and marketing perspectives of product development. The conceptual framework builds on the resource-based view of the firm and organizational information-processing theory to characterize relationships among **organizational process factors, product development capabilities, critical uncertainties, and operational/market performance in product development projects**. Data from a cross-sectional sample of 120 **completed development projects** for assembled goods is analyzed via a two-stage hierarchical moderated regression approach. This article provides practical insight into how product development projects can be better managed for operational and market success. Additionally, it sets a theoretical and empirical basis for future research on the influence of organizational process factors and capabilities on diverse product-innovation outcomes. (85 Refs)

Subfile: C

Descriptors: marketing; product development; project management

Identifiers: marketing; product innovation; organizational process; product development; regression; project management; performance measure

Class Codes: C1290F (Systems theory applications in industry); C1290D (Systems theory applications in economics and business)

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16/5/6 (Item 6 from file: 2)

DIALOG(R) File 2:INSPEC

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6727581 INSPEC Abstract Number: C2000-11-6110B-027

**Title: Producing more reliable software: mature software engineering process vs. state-of-the-art technology?**

Author(s): Widmaier, J.C.; Smidts, C.; Xin Huang

Conference Title: Proceedings of the 2000 International Conference on Software Engineering. ICSE 2000 the New Millennium p.88-93

Publisher: ACM, New York, NY, USA

Publication Date: 2000 Country of Publication: USA xviii+843 pp.

ISBN: 1 58113 206 9 Material Identity Number: XX-2000-01190

U.S. Copyright Clearance Center Code: 1 58113 206 9/2000/6...\$5.00

Conference Title: Proceedings of International Conference on Software Engineering

Conference Sponsor: IEEE Comput. Soc. Tech. Council on Software Eng.; ACM Special Interest Group on Software Eng.; Irish Comput. Soc.; ACM Special Interest Group on Programming Languages

Conference Date: 4-11 June 2000      Conference Location: Limerick, Ireland  
Language: English      Document Type: Conference Paper (PA)  
Treatment: Practical (P)

**Abstract:** A customer of high assurance software recently sponsored a software engineering experiment in which a real-time software system was developed concurrently by two popular software development methodologies. One company specialized in the state-of-the-practice waterfall method rated at a **Capability Maturity Model** Level 4. A second developer employed his mathematically based formal method with automatic code generation. As specified in separate contracts, C++ code plus development documentation and process and product metrics (errors) were to be delivered. Both companies were given identical functional specs and agreed to a generous and equal cost, schedule, and explicit functional reliability objectives. At conclusion of the experiment an independent third party determined through extensive statistical testing that neither methodology was able to meet the user's reliability objectives within cost and schedule constraints. The metrics collected revealed the strengths and weaknesses of each methodology and why they were not able to reach customer reliability objectives. This paper explores the specification for the system under development, the two competing **development** processes, the **products** and metrics captured during development, the analysis tools and testing techniques by the third party, and the results of a reliability and process analysis. (8 Refs)

Subfile: C

**Descriptors:** formal specification; program compilers; program testing; software metrics; software reliability

**Identifiers:** mature software **engineering process**; state-of-the-art technology; high assurance software; reliable software production; real-time software system; waterfall method; mathematically based formal method; automatic code generation; C++ code; development documentation; product metrics; process metrics; statistical testing; cost constraints; schedule constraints; testing; analysis tools; process analysis

**Class Codes:** C6110B (Software engineering techniques); C6110F (Formal methods); C6110S (Software metrics); C6150C (Compilers, interpreters and other processors); C6150G (Diagnostic, testing, debugging and evaluating systems); C6115 (Programming support)

Copyright 2000, IEE

16/5/7      (Item 7 from file: 2)

DIALOG(R)File    2:INSPEC

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6545555    INSPEC Abstract Number: B2000-05-0170C-006, C2000-05-7120-013

**Title:** Novelty in IT development projects: a case study of practices in a large Canadian bank

**Author(s):** Hirji, K.K.; Hauptman, O.; Phillips, L.

**Author Affiliation:** IBM Canada Ltd., Markham, Ont., Canada

**Conference Title:** PICMET '99: Portland International Conference on Management of Engineering and Technology. Technology and Innovation Management (IEEE Cat. No. 99CH36310)    Part vol.2    p.387-94 vol.2

**Editor(s):** Kocaoglu, D.F.; Anderson, T.R.

**Publisher:** Portland Int. Conf. Manage. Eng. & Technol. PICMET, Portland, OR, USA

**Publication Date:** 1999    **Country of Publication:** USA    0 pp.

**ISBN:** 1 890843 02 4    **Material Identity Number:** XX-2000-00602

**Conference Title:** Proceedings of Portland International Conference on Management of Engineering and Technology

**Conference Date:** 25-29 July 1999    **Conference Location:** Portland, OR, USA

**Medium:** Full text available on CD-ROM

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: A case study of IT development projects was undertaken in a leading Canadian bank. Four concurrent and interdependent technology intensive **development projects** were examined over a 12-month period between 1995 and 1996. The insights from this qualitative study suggest that alternative approaches to **organizing and delivering development projects** in the IT domain may positively influence project outcomes. (45 Refs)

Subfile: B C

Descriptors: banking; information technology; project management

Identifiers: IT development projects; Canadian bank; interdependent projects; concurrent projects; technology intensive development projects; **development projects organisation**; development projects delivery

Class Codes: B0170C (Project and design engineering); B0140 (Administration and management); C7120 (Financial computing); C0310 (EDP management)

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16/5/8 (Item 8 from file: 2)

DIALOG(R)File 2:INSPEC

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6438586

**Title: Software process improvement: management commitment, measures, and motivation**

Journal: Software Economics Letter vol.8, no.11 p.1-5

Publisher: Computer Economics,

Publication Date: Nov. 1999 Country of Publication: USA

CODEN: SECLE3 ISSN: 1065-6146

SICI: 1065-6146(199911)8:11L:1:SPIM;1-E

Material Identity Number: P930-1999-008

Language: English Document Type: Journal Paper (JP)

Treatment: Economic aspects (E)

Abstract: Initiatives to improve the software development process originate from the demands made by major purchasing **organizations**.

**Managers** responsible for internal development groups, as well as system houses, now require similar improvement. The U.S. Department of Defense (DoD) is the original sponsor of software process improvement. Through the DoD-funded Software Engineering Institute (SEI), five capability levels are defined to classify the maturity of a **development organization**. The SEI

**Capability Maturity Model, CMM**, is used for assessment. Key process areas (KPAs) are defined in detail within each level of the **CMM**. These are used to assess the **capability maturity** at each level within software projects and in the **organization** as a whole, **Management** factors characterize the KPAs. It is significant that the maturity levels and KPAs are not based on any specific technology; rather, maturity is judged on software management factors. The KPAs focus on the need for active and informed management permeating all aspects of the development process. Software process improvement (SPI) initiatives are now under way worldwide in response to the demands of the SEI's **CMM**. These are frequently managed and driven by a software **engineering process group (SEPG)**. The role of the **SEPG** is to evaluate and improve the key process areas and hence the **CMM** level within the company. The goal is to reduce development time, cost, and risk and improve the quality of the software. (7 Refs)

Subfile: D

Descriptors: project management; software development management; software process improvement

Identifiers: software process improvement; management commitment; measures; motivation; purchasing organizations; internal development groups ; system houses; US Department of Defense; Software Engineering Institute; capability levels; **development organization** maturity; SEI **Capability Maturity Model** ; key process areas; software projects; software management factors; software **engineering process** group; development time reduction; cost reduction; software quality; risk reduction

Class Codes: D5000 (Office automation - computing); D1000 (General & Management aspects)

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16/5/9 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

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6429677 INSPEC Abstract Number: C2000-01-0310F-029

**Title: Managing information system projects: the need for a new approach**

Author(s): Elvin, R.

Author Affiliation: Cranfield Sch. of Manage., UK

Conference Title: Information Systems- The Next Generation. Proceedings of the 4th UKAIS Conference p.159-67

Editor(s): Brooks, L.; Kimble, C.

Publisher: McGraw-Hill Publishing Co, Maidenhead, UK

Publication Date: 1999 Country of Publication: UK xii+766 pp.

ISBN: 0 07 709558 8 Material Identity Number: XX-1999-00783

Conference Title: Proceedings of UK Academy for Information Systems Annual Conference 1999

Conference Date: 7-9 April 1999 Conference Location: York, UK

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Whilst information systems and technology (IS/IT) investments have always caused business change to some degree, the main purpose of many of today's IS/IT projects is to change the business and/or organisation in some significant way. However, most **organisations** ' approaches to **managing** IS/IT developments have changed little in the last 15-20 years and are heavily dependent on methodologies of IS/IT **development** and associated **project** management principles. This paper argues that these methods contain out-dated assumptions about the nature of the business environments in which the **projects** are conceived and **delivered** . These assumptions are exposed and it is shown how they can lead to common experiences of project dissatisfaction. The paper goes on to propose the basis for a new framework that is more in line with the realities of today's organisational environments. The significant implications of this new framework for the management of IS/IT projects are discussed and plans for further research to explore the issues described. (7 Refs)

Subfile: C

Descriptors: business data processing; information systems; project management; software development management

Identifiers: information system project management; information technology; organisation; business environments; project dissatisfaction

Class Codes: C0310F (Software development management); C7100 (Business and administration)

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16/5/10 (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

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6324683 INSPEC Abstract Number: B1999-09-0170C-007, C1999-09-0300-009

**Title: An overview of the Systems Engineering Capability Model EIA/IS 731**

Author(s): Barber, D.E.

Conference Title: 17th DASC. AIAA/IEEE/SAE. Digital Avionics Systems Conference. Proceedings (Cat. No.98CH36267) Part vol.1 p. B34-1-7 vol.1

Publisher: IEEE, New York, NY, USA

Publication Date: 1998 Country of Publication: USA 2 vol.(xi+xv+1444) pp.

ISBN: 0 7803 5086 3 Material Identity Number: XX-1998-03217

U.S. Copyright Clearance Center Code: 0 7803 5086 3/98/\$10.00

Conference Title: 17th DASC. AIAA/IEEE/SAE Digital Avionics Systems Conference. Proceedings

Conference Date: 31 Oct.-7 Nov. 1998 Conference Location: Bellevue, WA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: General, Review (G)

Abstract: As the world marketplace continues to demand "better, faster and cheaper", organizations are searching for new tools to assist them in meeting this need. Systems Engineering is at the heart of **product development** and **improving** the performance of this discipline is key to organizational success. The Systems Engineering **Capability Model** (SECM) is a tool that organizations can use to evaluate the capability of their current Systems **Engineering process**. The SECM also provides a framework that can be used as a guide for developing or improving a structured Systems **Engineering process**. (5 Refs)

Subfile: B C

Descriptors: modelling; **product development**; project management; standards; systems analysis; systems engineering

Identifiers: Systems Engineering **Capability Model**; EIA/IS 731; **product development**; structured systems **engineering process**; SECM appraisal method; interim standard; continuous **capability model**; focus areas

Class Codes: B0170C (Project and design engineering); B0140 (Administration and management); C0300 (Management topics); C6110 (Systems analysis and programming)

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16/5/11 (Item 11 from file: 2)

DIALOG(R)File 2:INSPEC

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6182330 INSPEC Abstract Number: C1999-04-0310F-010

**Title: Capability Maturity Model software development using Cleanroom software engineering principles-results of an industry project**

Author(s): Oshana, R.S.; Linger, R.C.

Conference Title: Proceedings of the 32nd Annual Hawaii International Conference on Systems Sciences. 1999. HICSS-32. Abstracts and CD-ROM of Full Papers p.10 pp.

Editor(s): Sprague, R.H., Jr.

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 1999 Country of Publication: USA liii+341 pp.

ISBN: 0 7695 0001 3 Material Identity Number: XX-1999-00169

Conference Title: Proceedings of HICSS 32 - 32nd Annual Hawaii International Conference on System Sciences

Conference Date: 5-8 Jan. 1999 Conference Location: Maui, HI, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The **Capability Maturity Model (CMM)** for Software is a development framework that describes the key elements for an effective software **process**. Cleanroom software **engineering (CSE)** is a managerial and **engineering process** for the development of high quality software with certified reliability. The combination of **CMM management** and **organizational capabilities** and the judicious application of Cleanroom technical practices represents a powerful process improvement paradigm. Cleanroom principles are also compatible with the Systems Engineering Maturity model. This paper describes the results of a Cleanroom technology insertion effort into an industrial environment with a mature **CMM** process in place. (8 Refs)

Subfile: C

Descriptors: project management; software development management; software process improvement; software quality; software reliability; systems engineering

Identifiers: **Capability Maturity Model** software development; Cleanroom software engineering principles; managerial process; high quality software development; certified reliability; organizational capabilities; process improvement paradigm; Systems Engineering Maturity model; industrial environment

Class Codes: C0310F (Software development management); C6110B (Software engineering techniques)

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16/5/12 (Item 12 from file: 2)

DIALOG(R) File 2:INSPEC

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5961068 INSPEC Abstract Number: B9808-0170L-023, C9808-7480-059

**Title: Reverse engineering physical models employing a sensor integration between 3D stereo detection and contact digitization**

Author(s): Liang-Chia Chen; Lin, G.C.

Author Affiliation: Sch. of Eng., Univ. of South Australia, Pooraka, SA, Australia

Journal: Proceedings of the SPIE - The International Society for Optical Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA) vol.3204 p.146-55

Publisher: SPIE-Int. Soc. Opt. Eng,

Publication Date: 1997 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

SICI: 0277-786X(1997)3204L:146:REPM;1-Q

Material Identity Number: C574-98041

U.S. Copyright Clearance Center Code: 0277-786X/97/\$10.00

Conference Title: Three-Dimensional Imaging and Laser-based Systems for Metrology and Inspection III

Conference Sponsor: SPIE

Conference Date: 14-15 Oct. 1997 Conference Location: Pittsburgh, PA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Practical (P); Experimental (X)

Abstract: A vision-drive automatic digitization process for free-form surface reconstruction has been developed, with a coordinate measurement machine (**CMM**) equipped with a touch-triggered probe and a CCD camera, in reverse engineering physical models. The process integrates 3D stereo detection, data filtering, Delaunay triangulation, adaptive surface digitization into a single process of surface reconstruction. By using this innovative approach, surface reconstruction can be implemented automatically and accurately. Least-squares B-spline surface models with



the controlled accuracy of digitization can be generated for further application in product design and manufacturing processes. One industrial application indicates that this approach is feasible, and the processing time required in reverse **engineering process** can be significantly reduced up to more than 85%. (19 Refs)

Subfile: B C

Descriptors: active vision; automatic optical inspection; CAD/CAM; CCD image sensors; edge detection; least squares approximations; mesh generation; **product development**; reverse engineering; shape measurement; solid modelling; splines (mathematics); stereo image processing; surface fitting; surface reconstruction; surface topography measurement

Identifiers: reverse engineering physical models; sensor integration; 3D stereo detection; contact digitization; vision-drive automatic digitization process; free-form surface reconstruction; coordinate measurement machine; touch-triggered probe; CCD camera; data filtering; Delaunay triangulation; adaptive surface digitization; least-squares B-spline surface models; product design; reduced processing time; CAD models; edge detection; adaptive model based process

Class Codes: B0170L (Inspection and quality control); B0170C (Project and design engineering); B0290T (Finite element analysis); B0290F (Interpolation and function approximation); B7320C (Spatial variables measurement); B6140C (Optical information, image and video signal processing); B7230G (Image sensors); C7480 (Production engineering computing); C3355 (Control applications in manufacturing processes); C4185 (Finite element analysis); C4260 (Computational geometry); C4130 (Interpolation and function approximation); C1250 (Pattern recognition); C5260B (Computer vision and image processing techniques); C5530 (Pattern recognition and computer vision equipment); C6130B (Graphics techniques); C3240K (Image sensors)

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16/5/13 (Item 13 from file: 2)

DIALOG(R) File 2:INSPEC

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5913470 INSPEC Abstract Number: B9806-6140C-470, C9806-7480-163

**Title: The application of reverse engineering in rapid product development**

Author(s): Bradley, C.

Author Affiliation: Dept. of Mech. Eng., Victoria Univ., BC, Canada

Journal: Sensor Review vol.18, no.2 p.115-20

Publisher: MCB University Press,

Publication Date: 1998 Country of Publication: UK

CODEN: SNRVDY ISSN: 0260-2288

SICI: 0260-2288(1998)18:2L:115:ARER;1-E

Material Identity Number: A909-98002

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P)

**Abstract:** The process of capturing object form through surface data sampling and generating a CAD model of the part is termed reverse **engineering** because the **process** is the opposite of the normal design and manufacturing sequence. In the context of general manufacturing methods, reverse engineering is an important process for instances where a product initially exists as a designer's model in a medium such as styling foam or modelling clay. The digitisation process can be achieved through spatial measurements taken manually by a co-ordinate measuring machine ( **CMM** ). However, 3D computer vision systems are now being applied to the reverse engineering task owing to their ability to rapidly digitise the more intricate and free-form surface patches that are common in many modern consumer items. New modelling software reduces the large number of data

points into a more manageable number which can be translated into CAD drawings. The CAD drawings permit generation of CNC machine tool cutter paths or production of stereolithography "masters". (3 Refs)

Subfile: B C

Descriptors: CAD/CAM; computer vision; **product development** ; reverse engineering

Identifiers: reverse engineering; rapid **product development** ; object form; surface data sampling; CAD model; digitisation process; 3D computer vision systems; consumer items; modelling software; CAD drawings; CNC machine tool cutter paths; stereolithography masters

Class Codes: B6140C (Optical information, image and video signal processing); C7480 (Production engineering computing); C5260B (Computer vision and image processing techniques)

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16/5/14 (Item 14 from file: 2)

DIALOG(R)File 2:INSPEC

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5766902 INSPEC Abstract Number: B9801-0170C-007, C9801-7410H-025

**Title: An automatic reverse engineering approach for rapid prototyping manufacturing**

Author(s): Lin, G.C.I.; Chen, L.C.

Author Affiliation: Sch. of Eng., Univ. of South Australia, SA, Australia

Conference Title: Proceedings of the International Conference on Manufacturing Automation, ICMA Part vol.2 p.903-8 vol.2

Editor(s): Tan, S.T.; Wong, T.N.; Gibson, I.

Publisher: Univ. Hong Kong, Hong Kong

Publication Date: 1997 Country of Publication: Hong Kong 2 vol. (vii+viii+1228) pp.

ISBN: 962 85138 1 8 Material Identity Number: XX97-02454

Conference Title: Proceedings of International Conference on Manufacturing Automation

Conference Sponsor: K.C. Wong Educ. Found.; Leeport (Holdings); City Univ. Hong Kong; Chinese Univ. Hong Kong; et al

Conference Date: 28-30 April 1997 Conference Location: Hong Kong

Language: English Document Type: Conference Paper (PA)

Treatment: Theoretical (T)

Abstract: Reverse engineering has played an important role in obtaining accurate surface models and shortening product lead time for rapid prototyping manufacturing (RPM). This paper presents an automatic reverse engineering approach to reconstruct nonuniform rational B-spline (NURBS) surface models on a coordinate measurement machine ( **CMM** ) equipped with a vision system. The vision system is used to detect 3D surface boundaries from physical models to create an initial surface triangular patch. The vertices of the patch are then parameterised into an initial surface model used for further surface refinement digitisation of a touch-triggered probe. The approach aims to integrate surface digitisation and surface modelling into a single adaptive model-estimated process so that free-form surface reconstruction can be implemented accurately and automatically. The problems encountered in traditional reverse **engineering processes** can be solved simultaneously. As a result, this approach can significantly reduce the traditional **product development** lead time and obtain satisfactory surface models for RPM. (11 Refs)

Subfile: B C

Descriptors: CAD/CAM; computer vision; computerised instrumentation; laser beam applications; measurement systems; photolithography; reverse engineering; spatial variables measurement; splines (mathematics)

Identifiers: automatic reverse engineering; rapid prototyping manufacturing; product lead time; RPM; nonuniform rational B-spline; NURBS

surface models; CMM ; coordinate measurement machine; vision system; 3D surface boundary detection; initial surface triangular patch; surface refinement digitisation; touch-triggered probe; surface digitisation; surface modelling; free-form surface reconstruction

Class Codes: B0170C (Project and design engineering); B7210B (Automatic test and measurement systems); B7320C (Spatial variables measurement); B6140C (Optical information, image and video signal processing); C7410H (Computerised instrumentation); C5260B (Computer vision and image processing techniques)

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16/5/15 (Item 15 from file: 2)

DIALOG(R)File 2:INSPEC

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5559442 INSPEC Abstract Number: B9705-0170L-055

**Title: Optimizing quality function deployment-the process**

Author(s): Dunham, P.D.

Conference Title: Proceedings of the Technical Program. National Electronic Packaging and Production Conference. NEPCON West'94 Part vol.2 . p.814-20 vol.2

Publisher: Reed Exhibition, Des Plaines, IL, USA

Publication Date: 1993 Country of Publication: USA 3 vol. 2444 pp.

Material Identity Number: XX97-00676

Conference Title: Proceedings of Nepcon West '94

Conference Date: 27 Feb.-4 March 1994 Conference Location: Anaheim, CA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: General, Review (G); Practical (P)

Abstract: Quality function deployment is a structured and disciplined process that provides a means to identify and carry the voice of the customer through each stage of **product development** and implementation. This process can be **deployed** horizontally through marketing, **product** planning, engineering, manufacturing, service, and all other departments in your **organization** involved in product **development** . QFD enables **organizations** to prioritize customer demands, develop innovative responses to those needs, and orchestrate a successful implementation involving all departments, QFD is a planning tool that carries the voice of the customer all the way through product development, to manufacturing and into the marketplace. QFD focuses on planning and problem prevention early in the product development process, thereby reducing design errors, which results in fewer problems in production. (0 Refs)

Subfile: B

Descriptors: electronic equipment manufacture; marketing; planning; product development; quality control

Identifiers: quality function deployment; product development; product planning; marketing; manufacturing; customer demands; planning tool; problem prevention; design errors

Class Codes: B0170L (Inspection and quality control); B0170E (Production facilities and engineering); B0140B (Planning)

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16/5/16 (Item 16 from file: 2)

DIALOG(R)File 2:INSPEC

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5465287 INSPEC Abstract Number: C9702-7480-055

**Title: Real-world challenges: using the virtual enterprise for successful**

**product development projects**

Author(s): Voegtli, C.

Author Affiliation: Calibrated Manage., Los Altos, CA, USA

Conference Title: IEMC 96 Proceedings. International Conference on Engineering and Technology Management. Managing Virtual Enterprises: A Convergence of Communications, Computing, and Energy Technologies (Cat. No.96CH35979) p.698-704

Publisher: IEEE, New York, NY, USA

Publication Date: 1996 Country of Publication: USA x+791 pp.

ISBN: 0 7803 3552 X Material Identity Number: XX96-02863

U.S. Copyright Clearance Center Code: 0 7803 3552 X/96/\$5.00

Conference Title: IEMC 96 Proceedings. International Conference on Engineering and Technology Management. Managing Virtual Enterprises: A Convergence of Communications, Computing, and Energy Technologies

Conference Sponsor: IEEE Eng. Manage. Soc

Conference Date: 18-20 Aug. 1996 Conference Location: Vancouver, BC, Canada

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: By building a "virtual enterprise" to achieve corporate goals, high-technology product development companies can supposedly stay both financially and technologically competitive in today's markets. The company concentrates "in-house" on core competencies, and turns to the outside expertise of organizations and individuals on an as-needed basis. However, if not created and managed properly, the virtual project teams created for such product development ventures can seriously threaten a firm's critical time-to-market goals. The difficulties of actually achieving truly synergistic partnerships and ultimately successful projects using team members outside the corporation must not be overlooked. When virtual team members are consultants or third-party **development organizations**, the success of the team depends upon the degree to which these various members are aligned in the following areas: values and goals; priorities; skills, experience, and capabilities; and **product development** processes. The **project** manager must understand how to assess and select team members, plan a project in detail considering the specific ramifications of remote members, and manage the **project** to its successful **completion**. This paper explains the "alignment factors" above and illustrates their potential impact, using examples from two projects from the author's experience which made use of third-party **development organizations**. The paper summarizes the actions project managers must take in planning and managing such projects, including questions for assessing and selecting the virtual project team members. (5 Refs)

Subfile: C

Descriptors: computer integrated manufacturing; product development

Identifiers: virtual enterprise; product development projects; corporate goals; product development ventures; time-to-market goals; synergistic partnerships; third-party **development organizations**; consultants; alignment factors; project managers

Class Codes: C7480 (Production engineering computing); C7160 (Manufacturing and industrial administration)

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16/5/17 (Item 17 from file: 2)

DIALOG(R) File 2:INSPEC

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5154750 INSPEC Abstract Number: C9602-7410H-041

Title: The Automatic Test Systems Development Plan (ATSDP): a CMM level 3 process

Author(s): Pho-Naughton, L.; Okuhara, K.M.  
Author Affiliation: Sacramento Air Logistics Centre, Sacramento, CA, USA  
Conference Title: Conference Record AUTOTESTCON '95. 'Systems Readiness:  
Test Technology for the 21st Century' (Cat. No.95CH35786) p.192-5  
Publisher: IEEE, New York, NY, USA  
Publication Date: 1995 Country of Publication: USA 587 pp.  
ISBN: 0 7803 2621 0 Material Identity Number: XX95-02400  
U.S. Copyright Clearance Center Code: 0 7803 2621 0/95/\$3.00  
Conference Title: Conference Record AUTOTESTCON '95. 'Systems Readiness:  
Test Technology for the 21st Century'  
Conference Sponsor: IEEE Aerosp. & Electron. Syst. Soc.; IEEE Instrum. &  
Meas. Soc

Conference Date: 8-10 Aug. 1995 Conference Location: Atlanta, GA, USA  
Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The Automatic Test Systems Development Plan (ATSDP) is a software **engineering process** control and management plan developed using Quality Air Force (QAF) principles, and periodically refined using metrics and empirical data gathered over many years. QAF is the Air Force's approach to total quality management: a leadership commitment and operating style that inspires trust, teamwork and continuous improvement everywhere in the Air Force. The ATSDP is used to provide a clear roadmap and analysis tool for Test Program Set (TPS) **development projects**. The ATSDP works, as evidenced by the group's recent success in achieving **Capability Maturity Model (CMM)** Level 3. The ATSDP does not detail day-to-day programming tasks, nor is it intended to. What the ATSDP does, however, is provide a methodical approach to give all team members, from programmers, upper management, and customers, "ownership" and visibility of key project elements. Thus, a foundation is **developed** to logically **organize**, schedule, and track the individual activity lists necessary to complete a TPS project. (1 Refs)

Subfile: C

Descriptors: automatic test software; configuration management; project support environments; software development management; software quality

Identifiers: Automatic Test Systems Development Plan; **capability maturity model** level 3 process; software engineering; process control and management plan; total quality management; Quality Air Force principles; roadmap and analysis tool; Test Program Set **development projects**

Class Codes: C7410H (Computerised instrumentation); C6110B (Software engineering techniques); C6115 (Programming support)

Copyright 1996, IEE

16/5/18 (Item 18 from file: 2)

DIALOG(R)File 2:INSPEC

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4858480 INSPEC Abstract Number: C9502-6110B-077

**Title: Developing formal software process definitions**

Author(s): Drew, D.W.

Author Affiliation: Paramax, Space Systems Operation, Houston, TX, USA  
p.12-20

Editor(s): Card, D.

Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA

Publication Date: 1993 Country of Publication: USA xvii+422 pp.

ISBN: 0 8186 4600 4

U.S. Copyright Clearance Center Code: 1063 6773/93/\$3.00

Conference Title: 1993 Conference on Software Maintenance

Conference Sponsor: IEEE Comput. Soc. Tech. Committee on Software Eng.; Software Maintenance Assoc.; Assoc. Comput. Machinery; CRIM - Centre de

recherche Informatique de Montreal; GGL- Group Genie Logiciel  
Conference Date: 27-30 Sept. 1993      Conference Location: Montreal, Que.,  
Canada

Language: English      Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Projects, within Paramax, which have achieved high maturity ratings, as measured against the SEI **Capability Maturity Model (CMM)**, have based their process improvement efforts on formal process definitions for software **engineering** activities. A **process** definition methodology (ADPM) has been **developed** based on these **project** level experiences. This methodology supports the creation of software **engineering process** definitions at the organizational level while allowing for unique project instantiations within the organization. It specifically addresses the special case of capturing existing informal processes that one would typically find in ongoing software maintenance contracts. (7 Refs)

Subfile: C

Descriptors: formal specification; software maintenance

Identifiers: software process definitions; Paramax; maturity ratings; SEI **Capability Maturity Model**; process improvement; software engineering activities; project level experiences; organizational level; informal processes; software maintenance contracts

Class Codes: C6110B (Software engineering techniques)

Copyright 1995, IEE

16/5/19      (Item 19 from file: 2)

DIALOG(R) File 2:INSPEC

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4816326      INSPEC Abstract Number: C9412-6110B-165

**Title: Measurement support in software engineering environments**

Author(s): Lott, C.M.

Author Affiliation: Software Technol. Transfer Initiative, Kaiserslautern Univ., Germany

Journal: International Journal of Software Engineering and Knowledge Engineering      vol.4, no.3      p.409-26

Publication Date: Sept. 1994      Country of Publication: Singapore

CODEN: ISEKEW      ISSN: 0218-1940

Language: English      Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The use of empirical data to understand and **improve** software **products** and software **engineering processes** is gaining ever increasing attention. Empirical data from products and processes is needed to help an organization understand and improve its way of doing business in the software domain. Additional motivation for collecting and using data is provided by the need to conform to guidelines and standards which mandate measurement, specifically the SEI's **Capability Maturity Model** and ISO 9000-3. Some software engineering environments (SEEs) offer automated support for collecting and, in a few cases, using empirical data. Measurement will clearly play a significant role in future SEEs. The paper surveys the trend towards supporting measurement in SEEs and gives details about several existing research and commercial software systems. (41 Refs)

Subfile: C

Descriptors: programming environments; software metrics; software tools; standards

Identifiers: measurement support; software engineering environments; software products; software **engineering processes**; guidelines; standards; **Capability Maturity Model**; ISO 9000-3; commercial software systems; research; software metrics

Class Codes: C6110B (Software engineering techniques); C6115 (Programming support); C0310F (Software development management)

16/5/20 (Item 20 from file: 2)

DIALOG(R)File 2:INSPEC

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4700432 INSPEC Abstract Number: B9408-0170C-005

**Title: System assurance at AC Rochester**

Author(s): Kerscher, W.J., III

Author Affiliation: GMC, Flint, MI, USA

p.71-6

Publisher: IEEE, New York, NY, USA

Publication Date: 1993 Country of Publication: USA xx+103 pp.

ISBN: 0 7803 0943 X

U.S. Copyright Clearance Center Code: 0149-144X/93/\$3.00

Conference Title: Proceedings of Annual Reliability and Maintainability Symposium (RAMS)

Conference Sponsor: IEEE; AIAA; IES; SAE; SRE; IIE; SOLE; American Soc. Quality Control; Syst. Safety Soc

Conference Date: 26-28 Jan. 1993 Conference Location: Atlanta, GA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A)

Abstract: Design assurance is a highly specialized, narrowly focused, and strongly disciplined activity which is product focused, product/process engineering design oriented, technical in nature, based on scientific method, and **organized** to promote **development** of high-reliability **products** and systems. System assurance involves the application of design assurance principles on a system basis with the objective of **delivering** high-reliability **products** and systems into a market not yet oriented toward high reliability. The purpose, objectives, and implementation of design assurance are examined along with staffing. (1 Refs)

Subfile: B

Descriptors: design engineering; General Motors; reliability; systems engineering

Identifiers: system assurance; AC Rochester; scientific method; design assurance; high-reliability products; objectives; implementation; staffing

Class Codes: B0170C (Project and design engineering); B0170N (Reliability

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16/5/21 (Item 21 from file: 2)

DIALOG(R)File 2:INSPEC

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04271442 INSPEC Abstract Number: C9212-0310F-008

**Title: Lessons learned from a software process modeling system**

Author(s): Krasner, H.; Terrel, J.; Linehan, A.; Arnold, P.; Ett, W.H.

Author Affiliation: Krasner Consulting, Austin, TX, USA

Journal: Communications of the ACM vol.35, no.9 p.91-100

Publication Date: Sept. 1992 Country of Publication: USA

CODEN: CACMA2 ISSN: 0001-0782

U.S. Copyright Clearance Center Code: 0001-0782/92/0900-091\$1.50

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Competitive pressures on the software industry from home and abroad have encouraged organizations to examine the effectiveness of their software development and evolution processes. This examination is occurring within the context of establishing performance baselines, setting improvement goals, explicitly defining the normally implicit processes and

measuring progress toward improvement goals. A typical objective of a company engaged in a software improvement initiative focused on achieving higher **capability maturity** levels is to document the current software process (i.e., 'as is' baseline) and define one or more ideal processes (i.e., 'to be' goal) to strive for. The authors report on ongoing efforts to develop, use and learn from a set of tools that supports the software **process engineer** in the development, evolution, and support of organizational and **project**-specific software **development** process models that are intended to be more than shelfware. The scope of the article is limited to study of the use of the software process management system (SPMS) in process model development. The authors also examine the lessons learned by the trial users as they progress toward a fuller understanding of the requirements of an advanced process management capability. (24 Refs)

Subfile: C

Descriptors: DP management; project engineering; software engineering

Identifiers: software industry; software development; performance baselines; improvement goals; software improvement initiative; current software process; ideal processes; software **process engineer**; **project**-specific software **development** process models; software process management system; SPMS; process model development; advanced process management capability

Class Codes: C0310F (Software development management); C6110B (Software engineering techniques)

16/5/22 (Item 22 from file: 2)

DIALOG(R) File 2:INSPEC

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02959248 INSPEC Abstract Number: C87054904

**Title: Relationships between selected organizational factors and systems development**

Author(s): Srinivasan, A.; Kaiser, K.M.

Author Affiliation: Sch. of Bus., Indiana Univ., Bloomington, IN, USA

Journal: Communications of the ACM vol.30, no.6 p.556-62

Publication Date: June 1987 Country of Publication: USA

CODEN: CACMA2 ISSN: 0001-0782

U.S. Copyright Clearance Center Code: 0001-0782/87/0600-0556\$00.75

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

**Abstract:** Three organizational variables influence the quality of the system development process: available resources (both human and financial), external influences on the **development** process, and the **project** team's exposure to information systems. Public information and interviews with systems managers from 28 large private firms yielded data about the organizational variables. Systems **project** group members **completed** questionnaires concerning the system development process. The results indicate that human resources affect the development process positively, but increased financial resources are related to team disagreement. The degree of external influence on the system development effort needs to be carefully monitored and controlled. Systems exposure in the firm allows an increase in the degree of awareness among project group members about the different problems encountered by users and systems staff. (24 Refs)

Subfile: C

Descriptors: DP management; management information systems; systems analysis

Identifiers: organizational factors; systems development; systems managers; private firms; questionnaires; team disagreement; project group members; users; systems staff



Class Codes: C0310F (Software development management); C6110 (Systems analysis and programming); C7100 (Business and administration)

16/5/23 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online  
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01558623 ORDER NO: AAD13-82896

**DEFINING SOFTWARE PROCESSES COMPLIANT WITH THE CAPABILITY MATURITY MODEL , ISO 9000-3, AND IEEE STD-1074-1991**

Author: BLAKEMORE, RONALD ALVIN

Degree: M.S.

Year: 1996

Corporate Source/Institution: UNIVERSITY OF HOUSTON-CLEAR LAKE (1251)

Chair: CHARLES MCKAY

Source: VOLUME 35/03 of MASTERS ABSTRACTS.

PAGE 836. 368 PAGES

Descriptors: COMPUTER SCIENCE

Descriptor Codes: 0984

There exist three proposals to ensure that an effective software development process is defined and used. These are the **Capability Maturity Model** , which provides process definition and assessment; International Standard ISO 9001, which provides quality system requirements; and IEEE STD-1074-1991, which provides the guidelines for the generation of a complete software development lifecycle.

This thesis proposes that an integrated set of software primary processes, corresponding software **products** , and a cohesive **development** life cycle comprise the appropriate foundation for developing software and alleviating the software crisis. This thesis defines and describes a fundamental set of primary processes and products, provides guidelines for the selection of a life cycle from a set of common life cycle models, and describes the integration of the primary processes into a cohesive project life cycle.

The strengths of the **CMM** , ISO 9001, and IEEE STD-1074-1991 are leveraged to generate a "meta-process" used to develop software **engineering processes** . The result of this thesis is a defined and illustrated meta-process for the development of software **engineering processes** appropriate for an organization's application domain and to tailor for a domain specific process which meets the needs of a particular project.

This is believed to be the first thesis to integrate and apply these concepts in defining and illustrating such a meta-process.

16/5/24 (Item 2 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online  
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01476958 ORDER NO: AADAA-IC484435

**NURBS-BASED CAD MODELLING FROM MEASURED POINTS OF PHYSICAL MODELS**

Author: MA, WEIYIN

Degree: PH.D.

Year: 1994

Corporate Source/Institution: KATHOLIEKE UNIVERSITEIT LEUVEN (BELGIUM) (5605)

Source: VOLUME 57/02-C OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 673. 251 PAGES

Descriptors: ENGINEERING, MECHANICAL ; ENGINEERING, INDUSTRIAL

Descriptor Codes: 0548; 0546

ISBN: 90-73802-42-3

Location of Reference Copy: K. U. LEUVEN, EXACTE WETENSCHAPPEN,  
CAMPUSBIBLIOTHEEKDIENST, CELESTIJNENLAAN 300 A, B-3001  
LEUVEN (HEVERLEE), BELGIUM

The evolution of a prototype from conceptual design to marketable product encompasses initial product description, mock ups for evaluation of alternative designs, safety and reliability analysis, prototyping, testing, inspection and modifications. This is an iterative process which results in many refinements. The critical path of the **product development** cycle has many potential bottlenecks which can slow down the whole process.

This dissertation identifies and solves one of such bottlenecks encountered in the **product development** cycle of sculptured parts. It is known as a reverse **engineering process** for creating a CAD model from physical part. Typical applications can be found in automobile, aircraft and ship building industries, mold and die making industry, and industries for household appliances, consumer electronics, etc. In the automobile industry, e.g., the initial conceptual and aesthetic design of a car body is often done by stylists who formalize their ideas by making a clay or wooden model (mock ups). In order to use advanced CAD/CAM tools for further design and tooling, the geometry of the mock ups has to be introduced in a CAD system.

The procedure begins with the digitizing (i.e. measuring discrete points) of the physical workpiece by using a coordinate measuring machine (CMM), a laser scanner, or any other digitizing device. Numerical algorithms are then applied to transform the measured points into a compact CAD surface model. Non-Uniform Rational B-Spline (NURBS) curves and surfaces are used to represent free-form geometric features. The emphasis of this dissertation is on surface modelling techniques from discrete points. Original NURBS fitting and interpolation algorithms are developed. Owing to an own developed parametrization technique the base surface parametrization, the fitting algorithms accept both regularly and randomly distributed measuring points. The fitted surfaces are smooth and free from distortions which may occur with other algorithms as a result of measuring errors, irregular distribution of measured points or improper knots used for surface fitting.

For industrial exploitation of the results, a special software SHAPID (SHAPE IDentification) has been implemented. It has been successfully applied to a number of industrial applications and a copy of the software is being used by K.U.Leuven and several industrial companies.

16/5/25 (Item 3 from file: 35)

DIALOG(R) File 35:Dissertation Abs Online

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01421478 ORDER NO: AADAA-I9520938

TECHNOLOGY PLANNING AND IMPLEMENTATION IN PRODUCT DEVELOPMENT PROJECTS: AN EMPIRICAL STUDY OF INNOVATION TYPE, ORGANIZATION, AND PERFORMANCE

Author: TATIKONDA, MOHAN V.

Degree: D.B.A.

Year: 1995

Corporate Source/Institution: BOSTON UNIVERSITY (0017)

Major Professor: STEPHEN R. ROSENTHAL

Source: VOLUME 56/03-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1007. 364 PAGES

Descriptors: BUSINESS ADMINISTRATION, GENERAL; BUSINESS ADMINISTRATION, MANAGEMENT; ENGINEERING, GENERAL

Descriptor Codes: 0310; 0454; 0537

New product development is an important competitive dimension in many industries. An activity central to product development projects is the selection and implementation of product and process technologies. This activity poses special challenges when technology options and project objectives are unfamiliar, therefore "risky," to the firm.

This research aimed to determine how firms should manage product development projects that vary in their technology challenges. A conceptual framework was **developed** based on **organizational** information processing theory, new product development literature, and exploratory field research. Relationships among **product development project** technological challenges, **organizational** elements in project planning and execution, and project outcomes were identified and tested.

Data was gathered via self-administered questionnaire which addressed a recently **completed** development **project** for an assembled product. Respondents were project and engineering managers. The sample consisted of 125 projects (representing 60 firms). Data analysis consisted of multivariate statistics and qualitative techniques.

Findings suggest that: (1) Contrary to conventional wisdom, technology novelty does not contribute to poor project success for most companies; rather, novelty of project objectives does. (2) In general, effectiveness of organizational approach is not contingent on type of project. Particularly beneficial approaches include: structured project control and review methods (e.g., "phase/gate approaches"); project-based evaluation of personnel performance; and tools that integrate design and manufacturing engineering. (3) Target setting, contingency planning and other project planning activities are beneficial, as is specificity and firmness of project objectives at the start of project execution.

Contributions to literatures on organizational information processing, new product development and project management include: new characterizations of types of projects; assessments of project success rates in general and for types of projects; characterization of means by which projects are accomplished; determination of effective organizational approaches; and insights into project planning processes and their outcomes.

Methodological contributions include new scales for product development, technological innovation and project phenomena. Contributions to practice include guidelines for selecting, planning and executing product development projects.

16/5/26 (Item 4 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01352777 ORDER NO: AAD94-14593

**SUPERVISION AND PERFORMANCE: THE CASE OF WORLD BANK PROJECTS (DEVELOPMENT PROJECTS)**

Author: KILBY, CHRISTOPHER PAUL

Degree: PH.D.

Year: 1994

Corporate Source/Institution: STANFORD UNIVERSITY (0212)

Adviser: FRANK A. WOLAK

Source: VOLUME 54/12-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 4526. 148 PAGES

Descriptors: ECONOMICS, GENERAL

Descriptor Codes: 0501

This dissertation explores theoretical and empirical aspects of the relation between supervision and project performance. I focus on development projects funded by the World Bank and on supervision done by the World Bank. The World Bank is the preeminent international **development**

**organization** both in terms of money lent and leadership; furthermore, data measuring project performance and supervision are relative comprehensive. The link between supervision and performance is of theoretical interest because it illuminates one side of World Bank-borrower interaction and of practical interest because it is an instrument controlled by the World Bank which may improve project performance.

Chapter One compares an adversarial view of World Bank-borrower relations with a cooperative view. The adversarial view leads to a principal-agent model where a portion of implementation problems arise because World Bank information about borrower actions is incomplete. The importance of information links the monitoring component of World Bank supervision to project performance. In contrast, asymmetric information plays no role in the cooperative view; implementation problems are purely technical and hence the role of World Bank supervision is less clear. The chapter outlines the different empirical predictions of the two views and highlights policy implications for the design and supervision of **development projects**.

Chapter Two is an empirical study of supervision and performance which addresses issues raised in Chapter One. Data are from 1426 World Bank-funded **projects completed** between 1981 and 1991. Analysis of the influence of World Bank supervision on project performance uses annual supervision and annual interim performance ratings. The annual updating process which generates the discrete interim ratings is described by an ordered probit likelihood function. Maximum likelihood estimates indicate a positive though small impact of supervision on performance. However, if there is a significant and persistent increase in the level of supervision, a gain of several percentage points in the economic rate of return is predicted. Supervision is more effective early in project implementation and in projects with smaller loans. The impact of supervision appears to be primarily due to the monitoring component rather than the assistance component; however, data limitations preclude a formal test.

16/5/27 (Item 1 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
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1120891 H.W. WILSON RECORD NUMBER: BAST93053038

**Ten ways to derail a project**

Collier, Samuel K;

Tappi Journal v. 76 (Sept. '93) p. 65-8

DOCUMENT TYPE: Feature Article ISSN: 0734-1415 LANGUAGE: English

RECORD STATUS: New record

ABSTRACT: The increased emphasis on quality in the paper industry demands that an **improvement** be made in **project** quality. Capital shortages, growing competition, and customer requirements for higher product quality are placing additional pressure on **project** managers to **complete projects** that meet or exceed corporate objectives. Some major, frequently repeated errors that result in mismanaged projects can be identified. These errors are having no early strategy or overall plan; failing to manage the scope; ignoring project **organizational development**; assembling a poor estimate; developing an unrealistic and confusing schedule; failing to manage the schedule; giving operator and maintenance training a low priority; failing to manage the checkout, startup, or punch list; and repeating the same mistakes on the next project.

DESCRIPTORS: Project management; Paper making machinery--Reconstruction;

Set	Items	Description
S1	1	AU=(BENGZON S? OR BENGZON, S?)
S2	32925	(PROJECT? ? OR PRODUCT? ?) (3N) (DEVELOP? OR IMPROV?)
S3	4389	PERFORMANCE (2N) (DETERMIN? OR MEASUR?)
S4	4297	ORGANI? (3N) (DEVELOP? OR MANAG?)
S5	8237	(PROJECT? ? OR PRODUCT? ?) (3N) (DELIVER? OR COMPLET? OR DEP-LOY?)
S6	116777	TRAINING OR TRAIN? ?
S7	53640	SEPG OR ENGINEER? (2N) PROCESS?
S8	211	CMM OR CAPABILITY (1N) (MATURITY OR MODEL? ?)
S9	2640886	ELECTRONIC? OR ONLINE OR ON()LINE OR INTERNET OR INTRANET - OR WEB? OR HOMEPAGE OR HOME()PAGE OR NETWORK? OR PORTAL? OR W-WW OR CYBER? OR COMPUTERI?
S10	41	S2 AND S4
S11	4	S10 AND S5
S12	264	S2 AND S5
S13	4	S12 AND S4
S14	1	S12 AND S3
S15	0	S7 AND S8
S16	120	(S2 OR S4 OR S5) AND (S7 OR S8)
S17	1	S16 AND (S3 OR S6)
S18	6	S11 OR S13 OR S14 OR S17

? show file

File 344:Chinese Patents Abs Aug 1985-2004/May  
(c) 2004 European Patent Office

File 347:JAPIO Nov 1976-2004/Apr(Updated 040802)  
(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200456  
(c) 2004 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209  
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18/5/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

016169867 \*\*Image available\*\*  
WPI Acc No: 2004-327754/200430  
XRAM Acc No: C04-124231  
XRPX Acc No: N04-261456

**Predictive continuous product space developing method for engineering thermoplastics, involves grouping several single point grades into several grade families, and developing several predictive models for each product grade family**

Patent Assignee: GARDNER M (GARD-I); MISHRA S (MISH-I)

Inventor: GARDNER M; MISHRA S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040059560	A1	20040325	US 2002252152	A	20020920	200430 B

Priority Applications (No Type Date): US 2002252152 A 20020920

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040059560	A1	13	G06F-009/45	

Abstract (Basic): US 20040059560 A1

NOVELTY - The method involves grouping several single point grades into several grade families, and developing several predictive models for each product grade family. Each product grade family is augmented with additional signal point **product** data to **improve** modeling capability. The new product grades that meet predetermined **performance** requirements, are **determined** using multiple response optimization techniques.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) predictive continuous **product** space **developing** system; and
- (2) product.

USE - For **developing** predictive continuous **product** space from existing discrete product space associated with commercial or developmental grade engineering thermoplastics e.g. thermoplastic resin such as polyesters e.g. polyethylene terephthalate (PET), polybutylene terephthalate (PBT), polyethylene naphthalate (PEN) and liquid crystal polyester (LCP), and polyolefins e.g. polyethylene (PE), polypropylene (PP), polybutylene and styrene-type resin, polyoxymethylene (POM), polyamide (PA), polycarbonate (PC), polymethylene methacrylate (PMMA), polyvinyl chloride (PVC), polyphenylene sulfide (PPS), polyphenylene ether (PPE), polyimide (PI), polyamide imide (PAI), polyetherimide (PEI), polysulfone (PSU), polyether sulfone (PES), polyketone (PK), polyether ketone (PEK), polyether ether ketone (PEEK), polyallylate (PAR), polyethernitrile (PEN), phenol resin, phenoxy resins, fluorocarbon resin and thermoplastic elastomers of polystyrene type, polyolefin type, polyurethane type, polyester type, polyamide type, polybutadiene type, polyisoprene type, fluorine type, styrene-type resin, polycarbonate resin, polyphenylene ether resin, polyamide resin, polyester resin, polyphenylene sulfide resin, polyolefin resin, liquid crystalline resin, phenol-type resin and other materials such as glass, ceramic and metals.

ADVANTAGE - Allows a **product** **developer** to determine what commercial or **developmental** grade **products** may look like between existing commercial or **developmental** grade **products**. Allows **product** **developer** to relate single point property data to

formulation data and use the resulting information to predict across a continuous space between single point property data. A new commercial or **development** grade **product** is **delivered** to customer at high speed.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining predictive continuous **product** space **developing** process.  
pp; 13 DwgNo 1/5

Title Terms: PREDICT; CONTINUOUS; PRODUCT; SPACE; DEVELOP; METHOD; ENGINEERING; THERMOPLASTICS; GROUP; SINGLE; POINT; GRADE; GRADE; FAMILY; DEVELOP; PREDICT; MODEL; PRODUCT; GRADE; FAMILY

Derwent Class: A25; T01

International Patent Class (Main): G06F-009/45

File Segment: CPI; EPI

**18/5/2 (Item 2 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

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016011120 \*\*Image available\*\*

WPI Acc No: 2004-168971/200416

XRPX Acc No: N04-134879

**Project managing system for business organization , has reporting component connected to processing component to generate report giving comparison of actual to budget project costs and provide total cost to terminate project**

Patent Assignee: PETERSON G L (PETE-I); SCOTT K R (SCOT-I); SWAN C L (SWAN-I)

Inventor: PETERSON G L; SCOTT K R; SWAN C L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040030590	A1	20040212	US 2002401144	P	20020805	200416 B
			US 2003637069	A	20030805	

Priority Applications (No Type Date): US 2002401144 P 20020805; US 2003637069 A 20030805

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20040030590	A1	16	G06F-017/60	Provisional application	US 2002401144

Abstract (Basic): US 20040030590 A1 .

NOVELTY - The system has a processing component connected to a database to determine a total cost for terminating a project using a project data of the database. A reporting component is connected to the processing component to generate a report providing the comparison of actual project costs (32) to budget project costs (30). A report providing the total cost of terminating the project is also generated.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) a method for managing a project
- (b) a computer-readable medium comprising a set of executable instructions to manipulate a processor to perform the method for managing a project
- (c) a method for tracking changes to a scope of a project resulting from a task necessary to **complete** the **project** identified subsequent to an authorization of the project.

USE - Used for managing a **development** of a **project** in a business organization.

ADVANTAGE - The method is capable of accurately and efficiently

tracking, monitoring and controlling changes to the scope of the project by identifying changes to the tasks and reporting these changes.

DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram illustrating an exemplary project management system.

Actual project costs (30)

Budget project costs (32)

Change control (40)

Risks (48)

Document sharing (50)

Forecasting (52)

Lessons (56)

pp; 16 DwgNo 1/3

Title Terms: PROJECT; MANAGE; SYSTEM; BUSINESS; ORGANISE; REPORT; COMPONENT  
; CONNECT; PROCESS; COMPONENT; GENERATE; REPORT; COMPARE; ACTUAL; BUDGET;  
PROJECT; COST; TOTAL; COST; TERMINATE; PROJECT

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

18/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015573459 \*\*Image available\*\*

WPI Acc No: 2003-635616/200360

XRPX Acc No: N03-505575

**Mature software product production method involves managing product developing organization such that actions undertaken during organizational management affects implementation of project and delivery management**

Patent Assignee: ACCENTURE GLOBAL SERVICES GMBH (ACCE-N)

Inventor: AU-YEUNG A; BENGZON S; DANG G; HUCK S; MILLER M P; REBOK C;

SURIEL P; WONG S

Number of Countries: 102 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030110067	A1	20030612	US 20015759	A	20011207	200360 B
WO 200350742	A1	20030619	WO 2002US39193	A	20021209	200360
AU 2002364720	A1	20030623	AU 2002364720	A	20021209	200420

Priority Applications (No Type Date): US 20015759 A 20011207

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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US 20030110067	A1	159	G06F-017/60	
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WO 200350742	A1 E		G06F-017/60	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB  
GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG ZM  
ZW

AU 2002364720 A1 G06F-017/60 Based on patent WO 200350742

Abstract (Basic): US 20030110067 A1

**NOVELTY** - The software product developing organization is managed by managing personnel of organization and implementing a product improvement process. The actions undertaken during



**organizational management** (100) affects implementation of **product development project** and **product delivery** management while the actions undertaken during **project** and **delivery** management (500,600) affect implementation of **organizational management**.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) system for producing more mature software product;
- (2) program storage device for **managing** an organization **developing** a software **product**, managing a **project** for software **product development** and managing the **delivery** of software **product**.

USE - For producing software product that is more mature as measured by capability maturity model (CMM).

ADVANTAGE - Enables arranging and administering an organizations infrastructure and a project of interest effectively, thereby transforming the organization towards higher levels of capability maturity model (CMM).

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart illustrating the mature software product producing procedure.

**organization management** (100)

project management (500)

delivery management (600)

pp; 159 DwgNo 1/11

Title Terms: MATURE; SOFTWARE; PRODUCT; PRODUCE; METHOD; MANAGE; PRODUCT; DEVELOP; ORGANISE; ACTION; MANAGEMENT; AFFECT; IMPLEMENT; PROJECT; DELIVER; MANAGEMENT

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

18/5/4 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015477878 \*\*Image available\*\*

WPI Acc No: 2003-540025/200351

XRFX Acc No: N03-428267

**Computer-readable medium e.g. floppy disk, stores instructions to schedule assignments generated for each task in accordance with resource calender, for creating assignment- oriented schedule for projects**

Patent Assignee: MICROSOFT CORP (MICT )

Inventor: MAHAPATRO N

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6571215	B1	20030527	US 97786489	A	19970121	200351 B

Priority Applications (No Type Date): US 97786489 A 19970121

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6571215	B1	20	G06F-017/60		

Abstract (Basic): US 6571215 B1

NOVELTY - The data comprising resource calendar and task list, are received. The assignments generated for each task are grouped based on value of task priority and resource. The assignment having start-date constraint is scheduled. The other assignments are scheduled by selecting a current assignment which identifies a specific resource. The current end date is calculated, if current assignment is scheduled.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for computer system for creating assignment-oriented schedule.

USE - Computer-readable medium e.g. local hard disk drive, floppy disk, compact disk-read only memory (CD-ROM), random access memory (RAM), read only memory (ROM), storing instruction for creating assignment-oriented schedule for **completing** task of **project** performed by product engineering companies, constructing firms, manufacturing plant.

ADVANTAGE - The schedule helps the project **manager** to **organize** and track of the **development** of the **project** . Eliminates idle time by utilizing the resources efficiently in order to schedule the assignments. Thus, a balanced schedule is obtained efficiently and quickly.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining the assignment scheduling process.

pp: 20 DwgNo 6/7

Title Terms: COMPUTER; READ; MEDIUM; FLOPPY; DISC; STORAGE; INSTRUCTION; SCHEDULE; ASSIGN; GENERATE; TASK; ACCORD; RESOURCE; CALENDER; ASSIGN; ORIENT; SCHEDULE; PROJECT

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

18/5/5 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012769742 \*\*Image available\*\*

WPI Acc No: 1999-575965/199949

XRPX Acc No: N99-425124

Project development **progress situation detection method for production control in industries, business establishments etc - involves extracting project development verification data and transmitting e-mail message explaining result of verification, reply demand and time limit for reply to person-in- charge**

Patent Assignee: HITACHI LTD (HITA )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11250127	A	19990917	JP 9851808	A	19980304	199949 B

Priority Applications (No Type Date): JP 9851808 A 19980304

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11250127	A		8	G06F-017/60	

Abstract (Basic): JP 11250127 A

NOVELTY - An expected project verification data and related information are extracted from a production control file (1) and then stored in an information transceiving management file (3). The result of verification reply demand and dead line for receiving reply is transmitted to the **project developing** person as e-mail. DETAILED DESCRIPTION - The production control file stores further information relating to **completion of project development** and expected data of presentation of project. Then, information relating to **project developing** person is extracted from an organization file (2).

USE - For production control in industries, business establishments etc.

ADVANTAGE - Enables routine checking of verification schedule of

projects and reducing time required for processing, which leads to verification operation. Eases monitoring of **project development** as entire monitoring is performed through e-mail, thereby preventing retardation of project. DESCRIPTION OF DRAWING(S) - The figure shows block diagram of information processor. (1) Control file; (2) **Organization** file; (3) Transceiving **management** file.

Dwg.1/8

Title Terms: PROJECT; DEVELOP; PROGRESS; SITUATE; DETECT; METHOD; PRODUCE; CONTROL; INDUSTRIAL; BUSINESS; ESTABLISH; EXTRACT; PROJECT; DEVELOP; VERIFICATION; DATA; TRANSMIT; MAIL; MESSAGE; RESULT; VERIFICATION; REPLY; DEMAND; TIME; LIMIT; REPLY; PERSON; CHARGE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

18/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010037097 \*\*Image available\*\*

WPI Acc No: 1994-304808/199438

XRPX Acc No: N94-239684

**Neural network for implementing multiple signal processing functions - includes plural input, hidden and output processors, with programmable weighting, derived by simulating network response to test patterns.**

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (MATU ); MATSUSHITA ELEC IND CO LTD (MATU ); MATSUSHITA DENKI SANGYO KK (MATU ); PANASONIC TECHNOLOGIES INC (MATU )

Inventor: ZORTEA A; ZORTEA A E

Number of Countries: 005 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 618737	A2	19941005	EP 94105148	A	19940331	199438 B
JP 6295293	A	19941021	JP 9464220	A	19940331	199502
US 5376962	A	19941227	US 9340407	A	19930331	199506
			US 93119873	A	19930910	
US 5376963	A	19941227	US 9340407	A	19930331	199506
EP 618737	A3	19960703	EP 94105148	A	19940331	199636
EP 618737	B1	20000517	EP 94105148	A	19940331	200028
DE 69424464	E	20000621	DE 624464	A	19940331	200037
			EP 94105148	A	19940331	

Priority Applications (No Type Date): US 93119873 A 19930910; US 9340407 A 19930331

Cited Patents: No-SR.Pub; 1.Jnl.Ref; EP 384689; EP 551524; US 4803736; US 5025282; US 5161014; WO 9303443

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 618737	A2	E	42	H04N-009/04	
				Designated States (Regional):	DE GB NL
JP 6295293	A		36	G06F-015/18	
US 5376962	A		24	H04N-009/64	CIP of application US 9340407
US 5376963	A		21	H04N-009/64	
EP 618737	A3			H04N-009/04	
EP 618737	B1	E		H04N-009/04	
				Designated States (Regional):	DE GB NL
DE 69424464	E			H04N-009/04	Based on patent EP 618737

Abstract (Basic): EP 618737 A

A video camera (1310) signal processing system uses a single neural

network (1420) to implement a number of non-linear functions. For example, the network may carry out gamma correction and contrast compression, with colour and aperture correction being opt. added.

The network is trained (1425) using back-propagation to emulate first one function, then two functions combined, then three combined, etc. The programmed network replaces multiple pipelined processors, operating on signal data sequentially, in more conventional appts. The use of a single network instead of multiple dedicated processors will reduce the engineering development required, and may be of economic benefit to a total system cost.

USE/ADVANTAGE - Economic simplification of signal processing in e.g. video cameras, using programmed neural network to implement plural circuit parameter functions, instead of using multiple pipelined processors, with associated signal delays requiring compensation.

Dwg.14b/21

Title Terms: NEURAL; NETWORK; IMPLEMENT; MULTIPLE; SIGNAL; PROCESS;  
FUNCTION; PLURAL; INPUT; HIDE; OUTPUT; PROCESSOR; PROGRAM; WEIGHT;  
DERIVATIVE; SIMULATE; NETWORK; RESPOND; TEST; PATTERN

Derwent Class: T01; W04

International Patent Class (Main): G06F-015/18; H04N-009/04; H04N-009/64

International Patent Class (Additional): H04N-005/14

File Segment: EPI

Set	Items	Description
S1	0	AU=(BENGZON S? OR BENGZON, S?)
S2	4046734	(PROJECT? ? OR PRODUCT? ?) (3N) (DEVELOP? OR IMPROV?)
S3	233505	PERFORMANCE(2N) (DETERMIN? OR MEASUR?)
S4	834763	ORGANI?(3N) (DEVELOP? OR MANAG?)
S5	1155445	(PROJECT? ? OR PRODUCT? ?) (3N) (DELIVER? OR COMPLET? OR DEP-LOY?)
S6	3971377	TRAINING OR TRAIN? ?
S7	111569	SEPG OR ENGINEER?(2N) PROCESS?
S8	26909	CMM OR CAPABILITY(1N) (MATURITY OR MODEL? ?)
S9	35702	S2(S) S4
S10	1815	S9(S) S5
S11	318	S9(20X) S5
S12	436	S7(S) S8
S13	67	S12(20N) (S2 OR S4)
S14	148	S11(2S) (SOFTWARE? OR APPLICATION? ?)
S15	64	S11(25N) (ELECTRONIC? OR ONLINE OR ON() LINE OR INTERNET OR - INTRANET OR WEB? OR HOMEPAGE OR HOME() PAGE OR NETWORK? OR PORTAL? OR WWW OR CYBER? OR COMPUTERI?)
S16	250	S13:S15
S17	152	S16 NOT PY>2001
S18	81	RD (unique items)
File	9:Business & Industry(R)	Jul/1994-2004/Sep 01 (c) 2004 The Gale Group
File	15:ABI/Inform(R)	1971-2004/Sep 02 (c) 2004 ProQuest Info&Learning
File	16:Gale Group PROMT(R)	1990-2004/Sep 02 (c) 2004 The Gale Group
File	148:Gale Group Trade & Industry DB	1976-2004/Sep 02 (c) 2004 The Gale Group
File	160:Gale Group PROMT(R)	1972-1989 (c) 1999 The Gale Group
File	275:Gale Group Computer DB(TM)	1983-2004/Sep 02 (c) 2004 The Gale Group
File	621:Gale Group New Prod. Annou. (R)	1985-2004/Sep 02 (c) 2004 The Gale Group
File	636:Gale Group Newsletter DB(TM)	1987-2004/Sep 02 (c) 2004 The Gale Group
File	20:Dialog Global Reporter	1997-2004/Sep 02 (c) 2004 The Dialog Corp.
File	476:Financial Times Fulltext	1982-2004/Sep 02 (c) 2004 Financial Times Ltd
File	610:Business Wire	1999-2004/Sep 02 (c) 2004 Business Wire.
File	613:PR Newswire	1999-2004/Sep 02 (c) 2004 PR Newswire Association Inc
File	624:McGraw-Hill Publications	1985-2004/Sep 01 (c) 2004 McGraw-Hill Co. Inc
File	634:San Jose Mercury	Jun 1985-2004/Sep 01 (c) 2004 San Jose Mercury News
File	810:Business Wire	1986-1999/Feb 28 (c) 1999 Business Wire
File	813:PR Newswire	1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc

18/3,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2004 The Gale Group. All rts. reserv.

3178232 Supplier Number: 03178232 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**NeST launches tool for software cos**  
**(Network Systems & Technologies launches SoftBOs, a new enterprise resource**  
**planning application designed for software companies)**  
Business Line, p 7  
July 09, 2001  
DOCUMENT TYPE: Journal ISSN: 0971-7528 (India)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 261

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:  
...CMM Level 5 certification. The product is also in tune with the requirements of SEI **CMM** V1.1. SoftBOs would also be able to double up as the business **process re-engineering** tool for any **organisation** attempting a change **management** to bring in a radical transformation to its processes and productivity.

The main advantage of...

18/3,K/2 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2004 The Gale Group. All rts. reserv.

2856207 Supplier Number: 02856207 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**US to offer IT training programme**  
**(Global Systems Technology and United States International University to**  
**jointly offer skill-based training programmes to IT firms in East Asia**  
**and India)**  
Business Line, p 2  
July 12, 2000  
DOCUMENT TYPE: Journal ISSN: 0971-7528 (India)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 142

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:  
...capability maturity model-integrated (CMMI) and on the technical personnel management principles of the people **capability maturity model**. The USUI-GST programme will include **CMM /CMMI**-based courses on **project** management and definition, **development**, and continuous improvement of performance **engineered process**. Eight courses are to be introduced in Bangalore, Chennai, Delhi, Hyderabad, Mumbai and Thiruvananthapuram. Courses...

18/3,K/3 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02550530 207815821  
**Integrating security design into the software development process for**  
**e-commerce systems**

Chan, M T; Kwok, L F  
Information Management & Computer Security v9n2/3 PP: 112-122 2001  
ISSN: 0968-5227 JRNL CODE: IMCS  
WORD COUNT: 5893

...TEXT: as depicted in Figure 1. The risk process identifies and prioritizes dangers inherent to the **developed product** or system. The **engineering process** works with the other engineering disciplines to determine and implement solutions to the problems presented...

18/3,K/4 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02519949 116356144  
**Packaged software development teams: what makes them different?**  
Carmel, Erran; Sawyer, Steve  
Information Technology & People v11n1 PP: 7-19 1998  
ISSN: 0959-3845 JRNL CODE: OTP  
WORD COUNT: 5782

...TEXT: including their roles in implementing appropriate development methods and techniques.

In contrast, in packaged software **development**, the **product** itself is the focal point and the **process** - with its **engineering** orientation - is both secondary and less mature. For example, most packaged software organizations, until very...

18/3,K/5 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02329154 86922070  
**Quality initiatives in an Indian software organization: a case study**  
Wali, Ayoob Ahmed; Gupta, A D; Deshmukh, S G  
Work Study v49n7 PP: 285-291 2000  
ISSN: 0043-8022 JRNL CODE: WST  
WORD COUNT: 2291

...TEXT: the quality of the process, SEI-CMM level processes are in place and a software **engineering process** group has been formed whose main focus is on the process improvement of the **organization** based on quality **management** principles.

- Quality tools. The tool used for repository purposes is Visual Source Safe. For project...

18/3,K/6 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02327537 86065798  
**Bank of China surveillance system design for internal audit**  
Xu Zhi-Di  
Managerial Auditing Journal v12n4/5 PP: 251-257 1997  
ISSN: 0268-6902 JRNL CODE: MAJ

WORD COUNT: 2310

...TEXT: is one of key stages in the internal surveillance system. Project managerial system consists of **project developing**, **application** and management of **project** and **delivery** of managerial **project** report.

Organization in charge of project development - project development team and sub-project development team...

18/3,K/7 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02155212 71711878

**Industry news**

Anonymous  
American Printer v227n1 PP: 12-20 Apr 2001  
ISSN: 0744-6616 JRNL CODE: APR  
WORD COUNT: 4657

...TEXT: for the Los Angeles Times Olympic plant.

The institute will work with companies and other **organizations** to **develop project** specifications, create teams and manage **projects** to **completion**. The institute will also conduct seminars, workshops and conferences to serve the professional education and...

... Express, Adobe Systems, Koenig & Bauer AG and Quebecor World, contributed \$5,000 to \$9,999.

**SOFTWARE LICENSING ISSUE**

George Rice & Sons (Los Angeles) recently paid \$86,078 to settle claims that...

18/3,K/8 (Item 6 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01995881 50976218

**Software engineering in the small**

Fayad, Mohamed E; Laitinen, Mauri; Ward, Robert P  
Association for Computing Machinery. Communications of the ACM v43n3 PP:  
115-118 Mar 2000  
ISSN: 0001-0782 JRNL CODE: GACM  
WORD COUNT: 1942

...TEXT: software company must have at least one person versed in software development.

**Development Mode**

Much **software** engineering literature implicitly assumes the contract model for **software** development in the sense of identifying a customer for whom the work is being done. The usual approach for noncontract **software** development is to name some internal department as the customer. But this doesn't always work well. For enterprise-wide **software**, the customer may be every department in the company, not one well-focused group. In



addition, internal development rarely uses a firm written contract to develop **software** where all parties freely agree to the terms and conditions.

Organizations that develop prepackaged **software**, especially small companies, generally do not use the contract model. For small companies, survival rests on finding actual, paying customers. The idea that prepackaged **software** is being developed for an internal customer, usually marketing or product management, does not accurately...

... can divert the focus from satisfying a market need. It also downplays the extensive involvement **software development** people have in **product** specification.

#### Development Speed

While hype abounds about faster development, many **software** markets have become fiercely competitive and have demanded faster **software product delivery**. As a result, some new rapid development strategies have been developed [3-5]. Among the...

... development and delivery, overlapping design, development, and testing, and use of third-party components and **application** frameworks. These strategies have significant impact on **software** engineering practices

#### Development Size

While a 100,000 source line program was a significant undertaking 20 years ago, the typical shrinkwrapped **software** product today embodies at least that many lines of code. While it is extremely difficult...

... smaller groups are developing larger programs. This suggests that smaller groups need some of the **software** methodologies developed for large-scale projects, but they don't need all of them. A...

18/3,K/9 (Item 7 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01666079 03-17069

**The effects of customizability and reusability on perceived process and competitive performance of software firms**

Nidumolu, Sarma R; Knotts, Gary W  
MIS Quarterly v22n2 PP: 105-137 Jun 1998  
ISSN: 0276-7783 JRNL CODE: MIS  
WORD COUNT: 12318

...TEXT: demand for custom applications (Cusumano 1991, p. 41). At the two highest levels of the **CMM** model, firms can tailor their standard development processes to apply to specific **project** requirements and **improve** their ability to react to the environment (Paulk et al. 1993). Overall, by leveraging previous... business were enacted, or (b) laws regulating the business were repealed.

5. Technology: (a) new **software** technologies became available, and (b) new hardware technologies became available.

Process predictability. This construct was...

... the following were predictable (1 - very unpredictable, 5 - very

predictable) at the start of a **software development project** in their **organization** (Henderson and Lee 1993; Keller 1994):

(1) actual date of **completion of project** , (2) actual developer-months required for the project, (3) actual budget that would be consumed...

... that would be required to complete the project, (5) the actual quality of the finished **software** , and (6) the actual functionality of the finished **software** .

Reusability. There is considerable controversy and little agreement in the literature over how to measure...interproduct, rather than intraproduct, reuse as a measure of the recycling of outputs from one **software development project** to another. Moreover, the focus was on level, rather than quality, of reuse...

... s estimate of the percentage (a ratio scale) of each of the following outputs of **software development** which consisted of reused components (Cusumano 1991, p. 11):

(1) requirements specifications, (2) design...On average, how predictable are each of the following at the start of a **software development project** in your **organization** ?

(1 - very unpredictable, 5 - very predictable)

Appendix:

1. Actual date when **project** will be **completed**
2. Actual developer-months that will be required
3. Actual budget that will be consumed...

18/3,K/10 (Item 8 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01499752 01-50740

**Enterprise logistics in the information era**

Greis, Noel P; Kasarda, John D

California Management Review v39n4 PP: 55-78 Summer 1997

ISSN: 0008-1256 JRNL CODE: CMR

WORD COUNT: 9333

...TEXT: to the customer before others. Today, the drive for speed pervades all aspects of an **organization** , from the **product development** process, to the customer service function, to the **delivery of product** to the customer. In recognition of the fact that delivery speed, not price, often wins...

... order and catalogue PC and peripherals company. The company guarantees noon delivery of its computer **software** and peripherals for telephone orders received by 2 A.M. that day. PC Connection accomplishes...

18/3,K/11 (Item 9 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01357109 00-08096

**The role of expert systems in improving the management of processes in total quality management organizations**

Eom, Sean B; Karathanos, Demetrius

SAM Advanced Management Journal v61n4 PP: 8-15 Autumn 1996

ISSN: 0749-7075 JRNL CODE: AMJ

WORD COUNT: 4308

...TEXT: Managing manufacturing logistics is an important part of manufacturing process management. Essential goals of process **management** in TQM **organization** include how the performance of key production or delivery processes should be managed to increase product throughput, ensure on-time **delivery** of **products**, and improve quality. Due to the everincreasing technical complexity of manufacturing processes, industry has emphasized...

... an effective tool for planning, discharging, and loading of container ships. A large number of **applications** were reported in managing railway traffic. For example, Gare de l'Est in Paris developed an expert system, GESPI, for railway traffic planning in a large station. Other interesting **applications** include the DOLRS (Distribution center On-Line Receiving Scheduler), which was jointly developed by Target...

**18/3,K/12 (Item 10 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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01273124 99-22520

**Avoid data warehousing maintenance migraines**

Griffin, Jane

Datamation v42n14 PP: 74-76 Aug 1996

ISSN: 0011-6963 JRNL CODE: DAT

ABSTRACT: Because of the lack of integration of warehouse **management** tools, some **organizations** face difficult maintenance issues. However, standards initiatives are unfolding, and vendors are beginning to **deliver** new and improved **products**. The Metadata Coalition is working to develop a standard for metadata-to-metadata integration. The...

... tools, ranging from problem solving to decision support, data monitoring, exploratory data analysis, and reporting **software**. Other vendors boast of taking data warehousing to another level. Informatica asserts that its PowerMart...

**18/3,K/13 (Item 11 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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00563791 91-38145

**Information Technology Conference: Technology's Expanding Role**

Freund, Lisa M.

Healthcare Executive v6n4 PP: 30-31 Jul/Aug 1991

ISSN: 0883-5381 JRNL CODE: HEE

WORD COUNT: 1216

...TEXT: healthcare organizations will implement them in the future. Clinical decision support will become a new **application** area, he added.

## The Managed Care Arena

Gail Warden, president and CEO of the Henry...

... of the future. "Managed care technology will be critical in providing the information required by **managed** care **organizations** for planning, assessing risk, pricing **products**, supporting **delivery** system development, managing plan performance, providing information to constituents, and meeting employer data requirements," Warden...

18/3,K/14 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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09237715 Supplier Number: 79333278 (USE FORMAT 7 FOR FULLTEXT)

**AGILE UNVEILS PRODUCT CHAIN MANAGEMENT STRATEGY AND FIVE NEW SOLUTIONS.**

PR Newswire, p0128

Oct 22, 2001

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1502

... solutions that enable an organisation's efforts to manage its products through every process - from **development**, to sourcing, **product** introduction, volume manufacturing and service. Agile's Product Chain Management solutions enable real and effective collaboration across the **product** chain to ensure **delivery** of the best **products** at the highest profit.

### Product Collaboration

Product Collaboration enables communication and collaboration internally and with supplier **networks** about new or changing product information, resulting in reduced scrap and rework, decreased costs, faster ...

18/3,K/15 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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09163026 Supplier Number: 79901270 (USE FORMAT 7 FOR FULLTEXT)

**San Diego Calls on RCG IT to Improve Project Delivery; Project Office**

**Considered Key to Efficient, Consistent Management of IT Projects.**

Business Wire, p2215

Nov 9, 2001

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 641

... capabilities to PMI's (Project Management Institute) Project Management Book of Knowledge to ensure consistent **application** of methodology city and department-wide. RCG IT will build on current work and act...

...bringing our house in order as far as establishing strong and clear accountability for project **management** within the **organization** and improving **project delivery**, **project** management practices and communication overall. We selected RCG IT for their flexible approach to implementing...

18/3,K/16 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

08781029 Supplier Number: 76392853 (USE FORMAT 7 FOR FULLTEXT)  
**Brio Appoints New Executive Vice President, Worldwide Operations, Executive Vice President, Development, and Chief Marketing Officer.**  
Business Wire, p0204  
July 9, 2001  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1168

... defined, built, marketed and rolled-out technically challenging products, James Guthrie is responsible for global **product** management and engineering **development** at Brio. Guthrie is focused on positioning Brio's **complete product** development organization for greater efficiency, integrating Brio's existing product suite, improving Brio's product...

...product development organization.

Previously, Mr. Guthrie was vice president of Oracle's Service and Contracts **Applications** Development, within the CRM Division, where he was responsible for the definition, design, coding, testing and rollout of Oracle's Service **Applications**. Additionally, Mr. Guthrie managed development partner relations, and participated in strategic product marketing and sales...

18/3,K/17 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

08218343 Supplier Number: 69199018 (USE FORMAT 7 FOR FULLTEXT)  
**CBSI's Public Sector Development Center Achieves Software Engineering Institute's CMM Level Three Certification.**  
Business Wire, p2062  
Jan 16, 2001  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 509

... Model for Software is a model for determining the maturity of an organization's software **engineering** and management **processes**. CBSI now has a domestic software development center that is operating at an advanced level in the area of software **development** and **project** management. Level Three Certification denotes that activities completed over the past year have resulted in...

18/3,K/18 (Item 5 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07977621 Supplier Number: 66629028 (USE FORMAT 7 FOR FULLTEXT)  
**RCG Information Technology Achieves Company-Wide SEI SW-CMM Level 2 Certification; Rare Achievement in IT Services Industry.**  
Business Wire, p0710  
Nov 6, 2000

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 493

... application of information technology to address the strategic business needs of our clients."

The SEI **Capability Maturity Model** is an objective vehicle to evaluate and improve the **capability** and **maturity** of a software **development organization**. **Organizations** assessed at **CMM Level 2** have established a reliable and repeatable software **engineering process** through the institution of rigorous project management controls of commitments, costs, schedules and changes. According...

18/3,K/19 (Item 6 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

07941199 Supplier Number: 66321815 (USE FORMAT 7 FOR FULLTEXT)  
**SmartSynch Reaches for Higher Standard.**  
Business Wire, p2532  
Oct 25, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 504

... engineering process," a criterion for awarding Level 3 certification using the Software Engineering Institute's **Capability Maturity Model** (R). "This methodology gives us a huge jumpstart in the maturity of our **development organization**," said Henderson.

The Software Engineering Institute's Capability Maturity Model is regarded throughout the software...

18/3,K/20 (Item 7 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
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07661219 Supplier Number: 63782573 (USE FORMAT 7 FOR FULLTEXT)  
**OSI Promotes Key Personnel to Drive Company Growth.**  
PR Newswire, pNA  
August 1, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 709

Objective Systems Integrators (Nasdaq: OSII), the leading provider of **software** solutions for unified network, service, **application**, and process management, today announced key management promotions that support the company's growth plans...

...and reports to executive vice president James Olsen. Custeau will now head the company's **development** and **product line management organization** that has been integrated to take advantage of opportunities in **deploying** new technologies and **products** to the rapidly changing communications markets.

"OSI has established itself as the product leader in advanced, integrated **software** solutions for the dynamic communications market," said Jim Olsen, OSI executive vice president. "In their..."

18/3,K/21 (Item 8 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07332531 Supplier Number: 62101509 (USE FORMAT 7 FOR FULLTEXT)  
**eLabor takes Microsoft Project to the enterprise level - Enterprise Project optimizes resource allocation, boosts project success. (Software Review) (Evaluation)**

Heck, Mike  
InfoWorld, v22, n20, p62  
May 15, 2000  
Language: English Record Type: Fulltext Abstract  
Article Type: Evaluation  
Document Type: Magazine/Journal; Trade  
Word Count: 773

... 2,500 per seat, but it adds important enterprise functionality to Microsoft Project, so it **earns** a score of Very Good.  
Planning at warp speed  
Installing Enterprise Project isn't hard...

...heck@infoworld.com) is contributing editor at InfoWorld and manager of **electronic** promotions at Unisys, in Blue Bell, Pa.  
THE BOTTOM LINE: VERY GOOD  
Enterprise Project 2.0  
Business Case: This project **management** solution can help **organizations** that **manage** multiple projects with Microsoft **Project**. 98 and 2000 complete **projects** more quickly and at lower cost by improving project planning and control.  
Technology Case: Enterprise...

18/3,K/22 (Item 9 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06795873 Supplier Number: 57466677 (USE FORMAT 7 FOR FULLTEXT)  
**OSI Executive Promotions to Accelerate Sales and Product Strategy.**  
PR Newswire, p0940  
Nov 10, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 717

... co-CEOS. Also promoted within the products and technology organization are Sarah Kooshian, vice president, **product development** and Sally Sutter, vice president, technical support services. Kooshian is responsible for managing the development of service **delivery**, assurance, and usage **products**, the Unified Management Architecture, and OSI's **software** engineering and technology council. Sutter is responsible for **software** quality assurance, the Operational Testing Center, the Technical Assistance Center, technical communications, and web technology...

18/3,K/23 (Item 10 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06788099 Supplier Number: 57298938 (USE FORMAT 7 FOR FULLTEXT)

**N.E.T. Appoints Hans Kramer V.P. of Product Development.**

PR Newswire, p8004

Nov 5, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 512

... current strategy to facilitate the migration of networks from circuit to packet on an open **networking** platform. Panavue is an open, standards-compliant **network** management platform used to manage the N.E.T. product line.

"Our mission is to restore the **product development organization** at N.E.T. to one that is recognized as innovative, challenging, and capable of **delivering** market-driven **product** solutions," said Kramer. "I believe my team is ready for this challenge," he added.

Kramer...

**18/3,K/24 (Item 11 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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06536317 Supplier Number: 55343975 (USE FORMAT 7 FOR FULLTEXT)

**SightPath, Inc. Strengthens Its Management Team With New Executives From Leading Video And Software Companies.**

PR Newswire, p5391

August 4, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 574

... worked directly with the leading names in PCs, systems integration, Internet/intranet infrastructure, networking, enterprise **software** and telecommunications.

Stephen Cussen, as vice president of engineering, will be responsible for growing and evolving a development organization and steering engineering development. Cussen brings more than twenty years of **software** development and engineering project management experience to SightPath. Before joining the Company, he was vice president of **product development** at TRUE **Software**, where his team achieved record on-time **product delivery** with the company's multi- platform client server and three-tier product set, which included problem tracking, **software** configuration management and release management tools.

As Director of Channels, Tom Hargrave offers more than...

...the rapid growth of the SightPath customer base. Jones brings extensive experience in customer service, **software** development, marketing and sales from previous management positions with VideoServer, Kronos, Modular Computer Systems, Apollo...

**18/3,K/25 (Item 12 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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06393018 Supplier Number: 54812599 (USE FORMAT 7 FOR FULLTEXT)

**Fleet Embraces IT Process Improvement; Adopts model others see as too demanding. (Fleet Financial Group's Fleet Technology Solutions unit uses Carnegie Mellon University's Capability Maturity Model for software development) (Company Operations)**



Orenstein, David  
Computerworld, p14(1)  
June 7, 1999  
Language: English      Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; Trade  
Word Count:    339

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...often struck corporate information technology as too demanding a discipline to be worthwhile, analysts said. **CMM** encourages users to replace the chaos that typically reigns in corporate **development organizations** with a rigorous adherence to an efficient process. **CMM** has five levels, beginning with Level 1, where the process is chaotic. A few serious...

18/3,K/26      (Item 13 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

06350523      Supplier Number: 54670460 (USE FORMAT 7 FOR FULLTEXT)  
**Primavera Ships TeamPlay - New IT Project Management Software Suite; Built from the Ground Up to Fully Integrate IT Project and Methodology Management, TeamPlay Enables IT Organizations to Consistently Deliver on their Commitments to Project Sponsors.**

Business Wire, p1197

May 19, 1999

Language: English      Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count:    1056

Primavera Systems, Inc., the leading developer of integrated, scalable, project management **software** solutions, today announced the availability of Primavera TeamPlay(tm), an IT project management **software** suite that brings together the entire project team by fully integrating effective project management and...

...today at the ProjectWorld project management conference in Boston, the new 32-bit, client/server **application** was designed specifically for the IT **application** development community that wants to increase their success rate in completing projects.

U.S. businesses annually manage approximately 175,000 IT projects for developing and maintaining **applications** and systems--costing them more than \$250 billion per year. While **application** development has been increasingly **managed** by project, IT **organizations** now are focused on **improving** their **project** management maturity by strengthening their ability to **deliver projects** more predictably and enabling them to achieve repeatable project successes.

Addressing IT-specific requirements, TeamPlay...

18/3,K/27      (Item 14 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

06283262      Supplier Number: 54428527 (USE FORMAT 7 FOR FULLTEXT)  
**Shaw Named Director of Enterprise Solution Group.**

Business Wire, p0396

April 20, 1999

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 181

... of the Enterprise Solution Group.

Shaw brings more than 16 years experience in the computer **software** industry including running large development organizations. Most recently, Shaw was at Wall Data, Inc. where he served as the Enterprise Group Manager in charge of a 140-person **development organization delivering the RUMBA product line**. Shaw started his career at Traveling **Software** as a **Software Developer** writing such **applications** as LapLink and LapLink Macintosh. He worked at Traveling **Software** for nine years, eventually as Manager of Product Development.

Additionally, Shaw operated a successful **software consulting company** for four years designing and implementing NT-based client/server **applications** for SpaceLabs Medical Inc. in Redmond.

Shaw will be responsible for the architecture of Meridian...

18/3,K/28 (Item 15 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06098987 Supplier Number: 53659620 (USE FORMAT 7 FOR FULLTEXT)

**Litton Achieves Software SEI CMM Level 4 Rating.**

Business Wire, p0160

Jan 28, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 255

... contractor locations surveyed by SEI trained assessors have reported achieving a Level 4 rating.

The **Capability Maturity Model (CMM)** is a recognized method of evaluating the current state-of-the-practice for a software **development organization** and is a guide for establishing a **process infrastructure** for **engineering** excellence, consistency and continuous improvement.

Representatives from Program Management, Project Engineering, Systems Engineering, Software Engineering...

18/3,K/29 (Item 16 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

05626652 Supplier Number: 50052499 (USE FORMAT 7 FOR FULLTEXT)

**Motive Communications Adds Two Accomplished Executives to Senior Management Team.**

Business Wire, p06011028

June 1, 1998

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Newswire; Trade

Word Count: 739

... fit with our existing team and our corporate culture."

Doug McNary has built world-class **software sales operations** in both the enterprise/direct and consumer/channel markets. Most recently, McNary served as vice president of sales for Trellix Corporation, a developer of personal-computer productivity **applications**.

At Trellix, McNary built the sales organization and managed its entry into the volume distribution...

...Motola's depth and variety of knowledge will be invaluable as Motive scales up its **product development organization**. Motola has extensive experience in **product** strategy, planning and **development** including: leading large and small development teams, directing the **delivery** of multiple **products** in both consumer and enterprise markets, negotiating technology licensing arrangements and building products for the international marketplace.

Before joining Motive, Motola held senior management positions at PSW Technologies, a **software** services firm, most recently serving as senior vice president of operations. Prior to his tenure at PSW, Motola held key development and marketing leadership positions at **Software** Publishing Corporation, Metaphor Computer Systems and IBM.

A New Company Addressing a New Market: Support...

18/3,K/30 (Item 17 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

05559506 Supplier Number: 48422413 (USE FORMAT 7 FOR FULLTEXT)  
**Sylvain Faust Intl. Introduces Powerful SQL Database Programming Tool..**  
Business Wire, p4141173  
April 14, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 626

... Programmer with Debugger enables database developers and administrators to increase productivity, improve the quality of **applications** and manage mission-critical information.

"SQL-Programmer with Debugger for Oracle PL/SQL enables development teams to be more productive, **improve project** management, build higher quality, more reliable SQL **applications**, and increase their capability to **deliver projects** on time and under budget," said Sylvain Faust, president and CEO of Sylvain Faust International...

18/3,K/31 (Item 18 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

05425545 Supplier Number: 48228898 (USE FORMAT 7 FOR FULLTEXT)  
**CACI Awarded \$23.7M Navy Electronic Warfare Advanced Technology Contract**  
PR Newswire, p0115DCTTH001  
Jan 15, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 515

... test proposed threat detection solutions; running modeling and simulation tools to test anticipated performance; developing **software** interfaces to integrate prototypes into current systems; actual field testing; and developing specifications for Navy implementation of successfully tested hardware and **software**.

CACI and its teammates possess comprehensive EWAT expertise and directly related independent research and development project experience, including **Software** Engineering Institute (SEI) Level 3 **software**

development capability. Organizations rated at SEI Level 3 have been shown to have predictable and successful project deliveries, and are rated higher in customer satisfaction.

"Our combination of high-level software development and management processes, together with a proven systems engineering approach, assures the Navy will...

...is an information technology products and services provider that specializes in developing and integrating systems, software, and simulation products in support of government agencies and commercial enterprises worldwide. Celebrating 35 years...

18/3,K/32 (Item 19 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

05171367 Supplier Number: 47892215 (USE FORMAT 7 FOR FULLTEXT)  
**HAHT Software names Rowland Archer president and CEO -- company positioned for significant growth.**  
Business Wire, p08061267  
August 6, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 572

... developer productivity enhancements and new levels of scalability to power the most demanding enterprise web applications.

Prior to co-founding HAHT Software, Archer led the development of ground-breaking product lines at Q+E Software, a leading supplier of client/server database access technology for the software industry that was acquired by INTERSOLV. Before joining Q+E, Archer was vice-president and lab director for Data General's open systems software development laboratory, where his organization successfully delivered more than 500 product releases.

#### About HAHT Software

Based in Raleigh, N.C., HAHT Software, Inc. was founded in 1995 with the mission to provide the fastest, smartest and most complete solution for building and deploying mission-critical applications on the World Wide Web. HAHT enjoys strategic industry relationships with SAP, Informix, Oracle, Computer...

...s Analyst's Choice (March, 1997), PC Computing Online Essentials 5-Star Rating (March, 1997), Software Magazine Internet 25 Award (April, 1997), NetGuide Editor's Choice (May, 1997), and Windows Magazine Windows 100 (May, 1997). For more information on HAHT Software and to download a free trial version of HAHTsite Release 3.0, go to [http...](http://http...)

18/3,K/33 (Item 20 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

05145331 Supplier Number: 47853548 (USE FORMAT 7 FOR FULLTEXT)  
**Checkfree Chooses LBMS' Process Engineer; LBMS' PE Will Assist Leading Financial Services Innovator, and Smithsonian Institute Nominee, Implement SEI Capability Maturity Model.**  
Business Wire, p07230192  
July 23, 1997  
Language: English Record Type: Fulltext

Document Type: Newswire; Trade  
Word Count: 761

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...PE) process and project management solution. CheckFree will use PE to enable implementation of the SEI **Capability Maturity Model (CMM)**, to assist with the complex tasks of consolidating acquisitions and merging data centers, and to implement continuous process **improvement** in software **product development**.

18/3,K/34 (Item 21 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

05034904 Supplier Number: 47391947 (USE FORMAT 7 FOR FULLTEXT)  
**ObjectShare provides complete Java application development solution with PARTS for Java 2.0; CORBA support, pure Java debugger and complete project manager add powerful new capabilities to popular drag-and-drop Java IDE; PARTS 2.0 is first IDE on the market to fully support JavaBeans.**

Business Wire, p05191163  
May 19, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1278

... Java graphical debugger runs on any Java-supported platform and debugs multi-threaded and remote **applications**. The debugger assists in the development of error-free **applications** with the inclusion of graphical stack traces, breakpoint and thread control, and other standard features.

Project Manager

The **Project Manager** saves **developers** time by **organizing** all files associated with a **development project**. Included within the **Project Manager** is a **Delivery Assistant** for saving time when packaging **applications**. With the **Delivery Assistant**, another simple push of a button creates delivered **applications** and JAR files.

These major new features enhance the cutting-edge features ObjectShare delivered in...

...packages and code comprehension and creating an advanced -- and intuitive -- environment for building flexible Java **applications**.

**PARTS'** Visual Designer facilitates the construction of applets and **applications** by utilizing a drag-and-drop method of deployment. Developers can choose components from a...

18/3,K/35 (Item 22 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
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04460215 Supplier Number: 46547412 (USE FORMAT 7 FOR FULLTEXT)  
**CADENCE ASSISTS MOTOROLA IN DEVELOPMENT OF BREAKTHROUGH CUSTOMIZED CHIP METHODOLOGY**

PR Newswire, p0715SFM007  
July 15, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade

Word Count: 732

... over the past several years to provide its customers with a total solutions approach to **electronic product development**. Its services **organization** provides a variety of capabilities for optimizing **electronic** design, including the capability to **completely** outsource design **projects** for customers. Specifically at Motorola, Cadence assisted in overall process improvement to the CSIC methodology...

18/3,K/36 (Item 23 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

04450109 Supplier Number: 46531856 (USE FORMAT 7 FOR FULLTEXT)  
**Andersen Corporation Awards Computervision \$1.2 Million Electronic Product Definition Contract to Speed Product Development Process**  
News Release, pN/A  
July 9, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 222

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...solutions and support services contract. The three-year contract consists of CADD5 design automation **software**, Optegra enterprise data management solutions, and DesignPost Drafting **software** which will be used by Andersen to speed their **product development** process, diversify their **product** line and expand into new markets, Computervision's **Electronic Product Definition** strategy is a proven approach to developing, **delivering**, and maintaining **products** throughout the entire product life cycle. **Electronic Product Definition** allows every part of an organization -- design, development, manufacturing, and support -- to work...  
...Background Computervision Corporation is a leading international supplier of desktop and enterprise-wide product development **software** and services. For more than 25 years, the company's product and process data management (PDM) and design automation (CAE/CAD/CAM) **software** solutions have helped manufacturers improve product quality and reduce time to market. Computervision Services provides...

...consulting programs to support product development process reengineering and technology implementation. Computervision Services also supports **applications**, systems and networks in heterogeneous computing environments. Computervision is headquartered in Bedford, Massachusetts, and provides...

18/3,K/37 (Item 24 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

04357088 Supplier Number: 46389757 (USE FORMAT 7 FOR FULLTEXT)  
**Egghead reorganizes top management to improve service delivery.**  
Business Wire, p05160281  
May 16, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 201

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

SPOKANE, Wash.--(BUSINESS WIRE)--May 16, 1996--Egghead Inc. has made several **organizational** changes in top **management** to further strengthen and improve the **delivery** of **products** in its new retail store format, the **Internet**, and direct response offerings.

18/3,K/38 (Item 25 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2004 The Gale Group. All rts. reserv.

04233154 Supplier Number: 46197156 (USE FORMAT 7 FOR FULLTEXT)  
**WELCOM SOFTWARE U.S. REVENUES LEAP 33% IN 1995 AS OPEN PLAN PROFESSIONAL GAINS WIDE ACCEPTANCE**

News Release, pN/A

March 4, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 634

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...DOS product to Windows. But, Welcom chose a more daring strategy by developing its Windows **software** from scratch. This enabled us to use the latest technology, providing a solid platform for...

...already making major commitments to Professional and Desktop."  
"Utilizing both Professional and Desktop within an **organization**, **managers** can control multiple projects and resources at all levels, offering a **completely** scaleable **project** management solution," says Welsh. "Strategic users, including project planners and schedulers, benefit from Professional's..."

...are more focused now and are concentrating on users that require corporate-wide project management **software** solutions," said Welsh.  
"Welcom experienced substantial growth in domestic profits during 1995 and ended the..."

...Communications Manager and will be responsible for worldwide communications. She is well-known within the **software** industry with a strong sales and technical background. Welcom is now positioned to aggressively market...

...administrative functions." The UK operation is now profitable, as is its counterpart in France. Welcom **Software** Technology (WST), a privately held corporation, is a worldwide leader in the development and marketing of project management **software**. With more than 10,000 licenses worldwide, WST specializes in helping Fortune 500 companies implement...

...Pads and distributors in Canada, Australia, and elsewhere. For further information contact Sara Robinson, Welcom **Software** Technology, 15995 North Barkers Landing, #275, Houston, TX 77079. The telephone is (713) 558-0514.

18/3,K/39 (Item 26 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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04157023 Supplier Number: 46070340 (USE FORMAT 7 FOR FULLTEXT)

**LEADING VENTURE CAPITALISTS INVEST IN HAHT SOFTWARE**

PR Newswire, p0116ATTU012

Jan 16, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1182

... and George Woltman and served as president. Initially founded as a consulting business, Q+E **Software** 's sales grew in excess of 100% a year for four consecutive years, 1989- 1993...

...Q+E had become the leading supplier of client/server database access technology for the **software** industry. Holcomb was named 1993 Technology Entrepreneur of the Year in North Carolina, an award...

...previously vice president of business development for INTERSOLV, Inc., a leading supplier of client/server **application** tools. At INTERSOLV, Hebert was responsible for all indirect channel and technology licensing operations. Hebert joined INTERSOLV in April 1994 when INTERSOLV acquired Q+E **Software** . At Q+E **Software** , Hebert created and implemented strategies to help other **software** publishers adopt Q+E **Software** 's technology and abandon their in- house efforts. As a result, Q+E **Software** 's database access technology was licensed by Microsoft, Computer Associates, IBM, Powersoft, Lotus, Novell, Oracle, Sybase and most other major **software** publishers.

-- Rowland Archer, chief operating officer, was vice president for product development at Q+E **Software** and continued in that position when Q+E was acquired by INTERSOLV. Archer led the...

...for cross-platform database access, the Q+E Database Library for rapid development of ODBC **applications** , and Q+E's Database Editor for graphical access to client/server information systems. Under Archer's direction, Q+E's **development organization delivered** over twenty **product** releases used by hundreds of thousands of end users and major OEM's such as Microsoft, Borland, Lotus and most other top **software** vendors.

-- Tyler Bennett, chief technology officer, co-founded Q+E **Software** in 1986 and served as executive vice president. Bennett led both product development and marketing...

18/3,K/40 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

13309753 SUPPLIER NUMBER: 72962175 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**techNOTES. (various) (Brief Article)**

Webb, Bailey

National Real Estate Investor, 43, 3, 26

March, 2001

DOCUMENT TYPE: Brief Article

ISSN: 0027-9994

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 776 LINE COUNT: 00072

... based Cushman & Wakefield and Irvine, Calif.-based Struxicon will jointly co-develop Struxicon Interiors, an **online** project management tool for interior build-outs. Struxicon Interiors will allow owners, developers and project **managers** to plan, **organize** , **manage** and lead interior construction **projects** from conception through **completion** . Terms of the agreement were not disclosed.

The project combines the expertise of Cushman & Wakefield...



18/3,K/41 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

10439825 SUPPLIER NUMBER: 21092845 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Measuring progress in metrology.**  
Mellersh, Dennis  
Canadian Machinery and Metalworking, v93, n5, p29(4)  
July-August, 1998  
ISSN: 0008-4379 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1892 LINE COUNT: 00151

... shifts in metrology. "The role of the CMM is changing significantly, towards multi-task, reverse **engineering**, **product development**, **process** control and design evolution of the manufactured part," he says.

Major change can be expected...

18/3,K/42 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

10374556 SUPPLIER NUMBER: 21005596 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**AF gets top CMM rating. (the Air Force's Ogden Air Logistics Center, Level 5 Capability Maturity Model) (Government Activity)**  
Slabodkin, Gregory  
Government Computer News, v17, n24, p1(1)  
August 3, 1998  
ISSN: 0738-4300 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 479 LINE COUNT: 00041

... when it updates the site in September.

The Ogden division is also the largest software **development organization** to achieve SEI's CMM Level 5, Putman said, It has five branches: the Software **Engineering Process** Group, Quality **Engineering** Software Team, F-16 Avionic Automated Test Equipment Team, Operational flight Program and Software Technology...

18/3,K/43 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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07798007 SUPPLIER NUMBER: 16792596 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**NORMAN DATA DEFENSE SYSTEMS AND THUNDERBYTE FORM STRATEGIC ALLIANCE**  
PR Newswire, p410NE003  
April 10, 1995  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 471 LINE COUNT: 00043

... most innovative companies and creates one of the world's largest anti-virus research and **development** organizations .

"The exponential growth of new computer viruses requires vendors to cooperate and pool resources in order to **deliver** data defense technology **products** that keep pace with this continually escalating threat to **electronic** information," said J. Arthur Olafsen, President & CEO of Norman Data Defense Systems Holding AS. "This..."

18/3,K/44 (Item 5 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

07591178 SUPPLIER NUMBER: 15971114 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Computer Sciences Corporation partners with global IT leader - Siemens Nixdorf; CSC to OEM and integrate Siemens Nixdorf's SIFRAME concurrent engineering product.**

Business Wire, p12131025

Dec 13, 1994

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 405 LINE COUNT: 00036

... president and practice leader of CSC's National Manufacturing Practice, Woody Chamberlain. "This is the **product** that **improves** white collar worker's value added activities. It delivers what companies need in today's marketplace - a way to **deliver products** to market in a short amount of time."

CSC is integrating and OEMing SIFRAME to the aerospace, automotive and **electronics** industries. It is already installing the product in its practice labs around the country. "The...

18/3,K/45 (Item 6 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

07547682 SUPPLIER NUMBER: 15849381 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**ICI SEEDS AND EXSEED TO FORM A STRATEGIC COLLABORATION**

PR Newswire, p1025NY132

Oct 25, 1994

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 460 LINE COUNT: 00038

... specialty grains.

ExSeed is a highly focused research and development organization structured to invent and **develop** specialty **products**. The company has the infrastructure and **network** of associates to source specialty grain and manage logistics and **delivery** of specialty **products** to end-user customers on an international level. ExSeed is backed by a range of...

18/3,K/46 (Item 1 from file: 160)

DIALOG(R)File 160:Gale Group PROMT(R)  
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01928022

**PRIME INTRODUCES POWERFUL ENGINEERING PROJECT CONTROL SOFTWARE**

News Release April 6, 1988 p. 1

Prime Computer Inc. today introduced a highly flexible engineering-**management software** system for **organizing** and controlling large, distributed engineering design databases. PrimeCONTROL **software** provides engineering managers **complete** control over ongoing **projects** by organizing and tracking all computer-based information needed to develop products from design to...

18/3,K/47 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01977195 SUPPLIER NUMBER: 18615936 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Implementing the capability maturity model for software development. (HP's  
Software Engineering Systems Division) (Company Operations)**  
Lowe, Douglas E.; Cox, Guy M.  
Hewlett-Packard Journal, v47, n4, p6(9)  
August, 1996  
ISSN: 0018-1153 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 6501 LINE COUNT: 00545

... the practices used by software projects in planning and managing  
the work according to the **CMM** guidelines. We believe that other  
organizations can achieve similar results in one year if leadership and  
execution of the software **improvement** project are a priority for the  
management team.

(Figures 2, 4, 6, 7, 9 ILLUSTRATION OMITTED...

18/3,K/48 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01966448 SUPPLIER NUMBER: 18516604  
**Reducing time to insight in digital system integration. (using HP's 16505A  
logic analyzer) (Product Information)**  
Byrne, Patrick J.  
Hewlett-Packard Journal, v47, n3, p6(9)  
June, 1996  
ISSN: 0018-1153 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 5435 LINE COUNT: 00431

... heavy user of advanced technologies and tools to bring  
high-performance products to market. The **product developments** are  
typically **organized** in integrated design teams that effectively design  
**complete products**. Therefore, HP is a good place to look for the  
challenges and best practices associated...

...operating system crash was found by a test engineer who was verifying  
various hardware and **software** configurations. The problem was infrequent  
and hard to duplicate. The system just crashed at odd...

...data transfers had to be reduced in size and made repeatable. This is  
where the **software** team got involved,

18/3,K/49 (Item 3 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01793454 SUPPLIER NUMBER: 16978703 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The hidden costs of client/server: unless your organization plans for  
client/server wisely, it may be shocked at the expense. (Tutorial)**  
Atre, Shaku  
DBMS, v8, n7, p71(3)  
June, 1995  
DOCUMENT TYPE: Tutorial ISSN: 1041-5173 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2514 LINE COUNT: 00208

... the Other is Gold  
Why doesn't client/server cut IT costs? As in most **development projects**, the **organization** must maintain both the host environment and the client/server system while **deploying** the first pilot **project**. As a result, the first project will increase IT costs -- not decrease them. With the...

...better, more cost-effective solution is to use the mainframe as a server for certain **applications**.

Vendors are beginning to realize that to be successful they must take responsibility for shielding...

18/3,K/50 (Item 4 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01575189 SUPPLIER NUMBER: 14638959  
**Consortium nurtures DOD software process improvement. (Department of Defense)**

Monroe, John Stein  
Federal Computer Week, v7, n33, p35(1)  
Nov 15, 1993  
ISSN: 0893-052X LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: from the Department of Defense' (DOD) Defense Information Systems Agency to measure and improve software **engineering** habits. The **process** places an **organization's development** process on a **Capability Maturity Model**, which shows the challenges facing the design team. For example, a Level 1 group usually...

18/3,K/51 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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05027459 Supplier Number: 76438556 (USE FORMAT 7 FOR FULLTEXT)  
**Brio appoints new executive vice president, worldwide operations, executive vice president, development and chief marketing officer; Todd Davis, James Guthrie and Brian Gentile join Brio's management team.**

M2 Presswire, pNA  
July 10, 2001  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1100

... defined, built, marketed and rolled-out technically challenging products, James Guthrie is responsible for global **product** management and engineering **development** at Brio. Guthrie is focused on positioning Brio's **complete product** development organisation for greater efficiency, integrating Brio's existing product suite, improving Brio's product...

...product development organisation.

Previously, Mr. Guthrie was vice president of Oracle's Service and Contracts **Applications** Development, within the CRM Division, where he was responsible for the definition, design, coding, testing and rollout of Oracle's Service **Applications**. Additionally, Mr. Guthrie managed

development partner relations, and participated in strategic product marketing

18/3,K/52 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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04481715 Supplier Number: 57482407 (USE FORMAT 7 FOR FULLTEXT)

**OBJECTIVE SYSTEMS INTEGRATORS: OSI executive pr promotions to accelerate sales and product strategy.**

M2 Presswire, pNA

Nov 10, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 688

... co-CEOS. Also promoted within the products and technology organization are Sarah Kooshian, vice president, **product development** and Sally Sutter, vice president, technical support services. Kooshian is responsible for managing the development of service **delivery**, assurance, and usage **products**, the Unified Management Architecture, and OSI's **software** engineering and technology council. Sutter is responsible for **software** quality assurance, the Operational Testing Center, the Technical Assistance Center, technical communications, and web technology...

18/3,K/53 (Item 3 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

04481613 Supplier Number: 57477318 (USE FORMAT 7 FOR FULLTEXT)

**N.E.T.: N.E.T. appoints Hans Kramer V.P. of Product De Development.**

M2 Presswire, pNA

Nov 8, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 552

... current strategy to facilitate the migration of networks from circuit to packet on an open **networking** platform. Panavue is an open, standards-compliant **network** management platform used to manage the N.E.T. product line.

"Our mission is to restore the **product development organization** at N.E.T. to one that is recognized as innovative, challenging, and capable of **delivering** market-driven **product** solutions," said Kramer. "I believe my team is ready for this challenge," he added.

Kramer...

18/3,K/54 (Item 4 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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04200780 Supplier Number: 54931838 (USE FORMAT 7 FOR FULLTEXT)

**PRIMAVERA INTRODUCES IT PROJECT MANAGEMENT SOFTWARE SUITE.**

Productivity Software, v12, n7, pNA

July, 1999

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 888

The new 32-bit, client/server **application** was designed specifically for the IT **application** development community that wants to increase their success rate in completing projects.

U.S. businesses annually manage approximately 175,000 IT projects for developing and maintaining **applications** and systems, costing them more than \$250 billion per year. While **application** development has been increasingly **managed** by project, IT **organizations** now are focused on **improving** their **project** management maturity by strengthening their ability to **deliver projects** more predictably and enabling them to achieve repeatable project successes.

Addressing IT-specific requirements, TeamPlay...

18/3,K/55 (Item 5 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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04016633 Supplier Number: 53222588 (USE FORMAT 7 FOR FULLTEXT)

**-VERITAS SOFTWARE: Oracle selects VERITAS Software's end-to-end storage management solutions.**

M2 Presswire, pNA

Nov 16, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 742

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

M2 PRESSWIRE-16 November 1998-VERITAS **SOFTWARE** : Oracle selects VERITAS **Software** 's end-to-end storage management solutions for worldwide enterprise data production and availability (C)1994-98 M2 COMMUNICATIONS LTD RDATE:121198 -- VERITAS **Software** 's products to simplify storage management and reduce administration costs through centralised management VERITAS **Software** Corporation (Nasdaq: VRTS), the leading provider of end-to-end storage management solutions, has announced...

...for Oracle that provides a "database aware" backup and recovery solution for Oracle databases and **applications** . "Oracle has a strong relationship with VERITAS," said Gary Bloom, senior vice president of System...

...available. These products include VERITAS File System a id VERITAS Volume Manager, which will enhance **application** performance, along with VERITAS Cluster Server for fault tolerant **application** protection. Additionally, VERITAS Storage Manager will be used to perform "self healing" storage management automation...

...an honour to be chosen as their sole enterprise storage management provider." About VERITAS VERITAS **Software** Corporation designs, develops and markets enterprise storage management and high availability **software** products that manage both **online** and offline data for business-critical computing systems. Our **product** are designed to **improve** system performance, availability and manageability while reducing the cost of administration. VERITAS **products** are **delivered** through a worldwide direct sales force and a **network** of resellers and OEM partners in North America, Europe, the Asia-Pacific and Japan. The...

...Form 10-Q on file with the SEC. CONTACT: Dr Chris Boorman/Karen Ancell, VERITAS **Software** Corporation Tel: +44 (0)1932 876876 Fax: +44 (0)1932

876800 e-mail: chris.boorman...

18/3,K/56 (Item 6 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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03911474 Supplier Number: 50116547 (USE FORMAT 7 FOR FULLTEXT)

-AVNET: Avnet announces a new service model of distribution -- Avnet  
electronics marketing

M2 Presswire, pN/A

June 30, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1063

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...suppliers through increased product specialization and focused services provided by a single account manager." "Avnet **Electronics** Marketing comprises one customer **management organization**, segmented by customer needs. Through an account manager, customers have **complete** access to the **products** and services of the former Hamilton Hallmark, Time **Electronics** and Penstock divisions, as well as complete access to the following Avnet brands which offer...

18/3,K/57 (Item 7 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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03808947 Supplier Number: 48261861 (USE FORMAT 7 FOR FULLTEXT)

**Looking for Financing, Equity and Debt:HIGH SPEED MOBILE PORTABLE PRINTER.**

Financing, Companies Seeking: FirstList, pN/A

Feb 1, 1998

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 367

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...printer which also features a small foot print, allowing more flexibility in a variety of **applications**. The printer generates full-size multi-part documents in mobile/portable and fixed installations. We...

...number 15263 to 602/502-2365.D SELF-GUIDED VACUUM CLEANER. We are forming an **organization** to **develop**, manufacture and distribute our patented, self-guided vacuum cleaner for the home market. The preliminary work on this **product** is now **complete** and financing is sought to bring the product to market. This product can be developed...

...charger and recharge its battery as required. This technology can be equally useful in industrial **applications** where it can be applied to small offices, retail outlets, and clean manufacturing facilities, or...

18/3,K/58 (Item 8 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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03785652 Supplier Number: 48202638 (USE FORMAT 7 FOR FULLTEXT)  
**Looking for Financing, Equity and Debt:SELF-GUIDED VACUUM CLEANER**  
Financing, Companies Seeking: FirstList, pN/A  
Jan 1, 1998  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 222

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

We are forming an **organization** to **develop**, manufacture and distribute our patented, self-guided vacuum cleaner for the home market. The preliminary work on this **product** is now **complete** and financing is sought to bring the product to market. This product can be developed...

...charger and recharge its battery as required. This technology can be equally useful in industrial **applications** where it can be applied to small offices, retail outlets, and clean manufacturing facilities, or...

**18/3,K/59 (Item 9 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03775891 Supplier Number: 48175515 (USE FORMAT 7 FOR FULLTEXT)  
**INDUSTRY REPORT: October Shipments Down Compared to Last Year**  
Ozone Depletion Network Online Today, pN/A  
Dec 12, 1997  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 664

... INTERNATIONAL REPORT

Companies Cut ODP Through UNIDO

Ten companies participating in ongoing United Nations Industrial **Development Organization** (UNIDO) **projects** have eliminated 183 ozone depletion potential (ODP) tons per year in **completed** projects, announced the United Nations Environment Program.

The **projects** included **delivering** and providing training on recovery and recycling equipment in Barbados, converting a refrigeration company to HFC-134a refrigerant and to cyclopentane for foam-blowing **applications** in Egypt, and a Tunisian company converting to water-blown systems to manufacture foams for...

**18/3,K/60 (Item 10 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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02493116 Supplier Number: 45004977 (USE FORMAT 7 FOR FULLTEXT)  
**LOTUS ANNOUNCES NOTES EXPRESS**  
M2 Presswire, pN/A  
Sept 20, 1994  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1499

... the UK by the end of September, 1994, Notes Express combines five communication and collaboration **applications** that have been designed to be immediately useful to any business worker who wants to access, track,



share and organise critical business information. These **applications** include client/server-based electronic mail, discussion databases, news and references databases, and a shared...

...response to our customers' requirements for a lower-priced client option that enables selected Notes **applications** to be deployed quickly and easily across the organisation and to the extended enterprise of...

...to-use workgroup product. Information systems organisations benefit from the addition of general purpose groupware **applications** that allow them to provide basic information dissemination and collaboration capabilities to all their users. Notes Express also provides these organisations with a single, easy-to-deploy infrastructure for Notes **applications** and LAN-based or mobile electronic mail. IS organisations can leverage the unique groupware services...

...Notes infrastructure to all users, while allowing individual departments to benefit from the high value **applications** that can be developed with Notes as they are ready. Lotus Business Partners developing Notes...

...base of Notes customers afforded by Notes Express. Because Notes Express includes all of the **Application** Programming Interfaces (APIs), developers can cost-effectively leverage Notes data and services when deploying their **applications** using visual programming tools, including Lotus Notes ViP, Visual Basic, and PowerBuilder. According to some...

...has become a proven solution for organisations that need to develop high-value business process **applications**, such as those used for customer service, sales/account management, or product development, according to...

...1994 International Data Corporation. Now with Notes Express, departments requiring the full power and custom **applications** of Notes can also cost effectively share a common communications infrastructure for mail and collaboration with users throughout their company. Five **Applications** Provide Mail, Group Discussions, News and Information Publishing Notes Express users can employ any of the five built-in **applications** to communicate and collaborate with other Notes or Notes Express users. In addition to electronic...

...a broad scale, while our business organisations can elect to develop strategic business process management **applications** using the Notes **application** development and deployment platform." Notes Express includes system administration features that make upgrading Notes fast easy, without the need for installation of additional **software**. These features also allow administrators to monitor the number of Notes and Notes Express users in their **organisations**.

New Opportunities for **Developers** Lotus expects that Notes Express will expand the growing market for Notes **products** and services being **delivered** by more than 5,000 Lotus Business Partners worldwide. Because Notes Express includes the Notes and Vendor Independent Messaging APIs, any third party **application** or development tool that utilises the Notes API can gain access to Notes data and services via Notes Express. **Applications** with no additional deployment charges, like the recently shipped Notes ViP product, enable developers to distribute their **applications** with no additional license fees beyond the Notes Express license. Lotus believes this strategy will...

...third party products and services that utilise Notes by lowering the cost to developers deploying **applications** that access Notes data and services. At the same time, end users can select from a growing number of

**application** choices that are developed on the Notes infrastructure and access Notes data. Lotus Business Partners specialising in Notes **applications** and implementations have welcomed the announcement. According to Stephen Harvey, managing director of Gimlet Managment...

...major corporate decision. This will make our life easier." One of the first Lotus retail **applications** ffor Notes Express is the Phone Notes Mobile Mail **application** developed by Lotus and Big Sky Technologies, a wholly owned subsidiary of Simpact Associates, Inc. This easy-to-install, prebuilt **application** allows Notes Express and Notes users to easily access and manage e-mail messages via...

18/3,K/61 (Item 11 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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02157213 Supplier Number: 44042132 (USE FORMAT 7 FOR FULLTEXT)

**COMPUTERVISION HAS HIGH HOPES FOR CADD5 5 ON RISC ARCHITECTURES**

Computergram International, n2236, pN/A

August 19, 1993

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 744

... it as "the world's first unified product modeller" - the company has added 30 new **applications** to its existing 42, along with 104 new functions. As a result, CADD5 5 **applications**, he claims, now span the whole of the **product development** process, meaning manufacturers can design, build and test a **complete product** on-screen. The product comprises stand-alone but integrated task-based modules that enable customers...

...results before manufacture takes place. The modules also integrate with Computervision's Engineering Data Management **software**. The two most important new additions to the product are an intelligent sketcher, which enables...

...models; and a new graphics subsystem, based on the Hoops graphics development systems from Ithaca **Software** Inc - on its way to Autodesk Inc - which improves the **software** performance in such areas as shading and the dynamic manipulation of shaded models. This subsystem...

18/3,K/62 (Item 12 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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01023662 Supplier Number: 40401831 (USE FORMAT 7 FOR FULLTEXT)

**PRIME INTRODUCES INTEGRATED MANUFACTURING SYSTEMS**

Automated Manufacturing Strategy, v9, n8, pN/A

June, 1988

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1299

... control on their existing hardware."

Taking control of distributed databases

PrimeCONTROL is a flexible engineering- **management software** system for **organizing** and controlling large, distributed engineering design databases. The **software** provides engineering managers **complete** control

over ongoing **projects** by organizing and tracking all computer-based information needed to develop products from design to...

18/3,K/63 (Item 13 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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01007076 Supplier Number: 40302166 (USE FORMAT 7 FOR FULLTEXT)

**INTEGRATE CMM INTO CIM**

Advanced Manufacturing Technology, v9, n4, pN/A  
Feb 22, 1988  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 260

... DEA's U. S. subsidiary (corporate headquarters are in Turin, Italy), tells me about another **product** they've **developed** : Surfer, an interactive computer graphics tool for automatic design and production of dies and models from physical parts. DEA **CMM** defines unknown surfaces with unknown geometries; in effect, the CMM is the intelligent terminal of ...

18/3,K/64 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

17411404 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**MS2 Pushes Product Lifecycle Automation Market Forward with MS2 Accelerate 2001**

PR NEWSWIRE  
June 25, 2001  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 830

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... distributed application server architecture, MS2 Accelerate 2001 scales to meet the needs of the largest **product organizations** and their **development** partners. Completely **web** -based, MS2 Accelerate 2001 allows product team members to easily view and update **project** information and **deliverables** from anywhere, any time. Unique to **web** -based **applications** , MS2 Accelerate 2001 allows team members to work offline and automatically synchronize when reconnected to the **network** . Availability MS2 Accelerate 2001 is available immediately. About MS2

Started in 1998, MS2, Inc., is the first company to deliver an enterprise **application** for the rapidly growing Product Lifecycle Automation (PLA) market. The MS2 Accelerate(R) **application** is the only product created specifically to give organizations the power to define, develop and...

18/3,K/65 (Item 2 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

14138441 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Corporate Profile for eZedia Inc., dated Dec. 8, 2000**  
BUSINESS WIRE

December 08, 2000

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 783

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the delivery of easy-to-use and easy-to-learn digital media creation, authoring, and **development products** .

Markets

eZedia Inc. has targeted its digital media integration and **delivery products** to **applications** for people at work, at home, and at school. In the work environment eZedia technology...

... It can also be used ... just for fun. The power of eZedia's digital media **software** allows even school children to create exciting presentations that mix audio, text, video, and images...

18/3,K/66 (Item 3 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

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13598631 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Primavera Introduces Primavera TeamPlay Version 2.0; New Web-based Decision-support Provides Enterprise-wide Project Insight for All Project Stakeholders**

BUSINESS WIRE

November 02, 2000

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 919

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... business and retail. Built from the ground up to tightly integrate project, process and resource **management** , TeamPlay enables business **organizations** to strengthen their ability to predictably **deliver projects** and achieve repeatable project successes. More information about Primavera TeamPlay is available via the World Wide **Web** at **Web** at [http:// www .primavera.com](http://www.primavera.com).

About Primavera Systems

Founded in 1983, Primavera Systems, Inc. is the leading provider of enterprise and Web-based project management, control and execution **software** . Primavera's innovative solutions help companies worldwide achieve business success through project success. Primavera serves...

... including aerospace and defense, automotive, petrochemical/process, construction, engineering, financial services, manufacturing, pharmaceuticals, professional services, **software** development, technology, telecommunications and utilities. Primavera's products include Primavera Enterprise(R), Primavera Project Planner...

18/3,K/67 (Item 4 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

12331403 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**OSI: OSI promotes key personnel to drive company growth**

M2 PRESSWIRE

August 02, 2000

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 679

... vice president James Olsen. Custeau will now head the company's development and product line **management organization** that has been integrated to take advantage of opportunities in **deploying** new technologies and **products** to the rapidly changing communications markets.

**18/3,K/68 (Item 5 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

11896270 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**India: US to offer IT training programme**  
BUSINESS LINE  
July 12, 2000  
JOURNAL CODE: FBLN LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 142

...people capability maturity model.  
The USUI-GST programme will include CMM/CMMI-based courses on **project** management and definition, **development**, and continuous improvement of performance **engineered process**. Eight courses are to be introduced in Bangalore, Chennai, Delhi, Hyderabad, Mumbai and Thiruvananthapuram.

**18/3,K/69 (Item 6 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
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08172192 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**OBJECTIVE SYSTEMS INTEGRATORS: OSI executive promotions to accelerate sales and product strategy**  
M2 PRESSWIRE  
November 10, 1999  
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 673

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... development of service delivery, assurance, and usage products, the Unified Management Architecture, and OSI's **software** engineering and technology council. Sutter is responsible for **software** quality assurance, the Operational Testing Center, the Technical Assistance Center, technical communications, and web technology...

**18/3,K/70 (Item 7 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
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08125980 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**N.E.T.: N.E.T. appoints Hans Kramer V.P. of Product Development**  
M2 PRESSWIRE  
November 08, 1999  
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 511

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... current strategy to facilitate the migration of networks from circuit to packet on an open **networking** platform. Panavue is an open, standards-compliant **network** management platform used to manage the N.E.T. product line.

"Our mission is to restore the **product development organization** at N.E.T. to one that is recognized as innovative, challenging, and capable of **delivering** market-driven **product** solutions," said Kramer. "I believe my team is ready for this challenge," he added.

Kramer...

18/3,K/71 (Item 8 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
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03038558

**Andromedia Solidifies Management and Technical Teams**

BUSINESS WIRE

October 07, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1131

... been named Andromedia Vice President of Engineering. In this position, Doubek will oversee Andromedia's **product development**, **product** management, release engineering, product testing, QA and customer support organizations. As LikeMinds VP of Engineering, Doubek scheduled, managed, and **delivered** LikeMinds **products** on time. Prior to LikeMinds, Doubek was Vice President, Engineering, at Chaco Communications, where he ...

... this position, Greening will work with Andromedia customers in developing new and innovative e-marketing **applications** based on the Andromedia and LikeMinds technology. Prior to LikeMinds, Greening was CEO of Chaco...

18/3,K/72 (Item 9 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
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03026468

**New Aonix Validator/Req and QSS Doors Integration Provides a Requirements-Management and Information-Traceability Tool With Test-Case Generation Capabilities**

BUSINESS WIRE

October 06, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 902

... software." Validator/Req is a client-server-based, specification-based, test-generation tool that enables **development** and QA **organizations** to automate testing efforts, **complete projects** sooner, increase **software** quality, and assist customers in realizing measurable cost savings. The Validator product family is the...

... 200 with volume discounts available. Validator/Req is also available as an add-on to **Software** through Pictures 2.5, Aonix's lifecycle component modeling tool suite, for \$3,500. Call...

... pricing and volume discounts at 800/577-8012. About QSS Established in 1992, Quality Systems & **Software** is the current market leader of enterprise-wide information management and traceability solutions for the development of complex systems. The company manufactures and supports state-of-the-art **software** and product development productivity tools. In addition, QSS products are complemented by a team of experienced, highly trained personnel focusing on requirements-management process and **application** consulting, training and worldwide customer support. QSS can be found on the Internet at [http...](http://)

... com. About Aonix Aonix, with headquarters in San Francisco, is a major player in the **software** -development tools market and one of the largest **software** companies in the world. It currently has more than 20,000 installations with half a...

... Inc. (IDE), a veteran player in the modeling, analysis and design tools market, and Thomson **Software** Products, a diversified tools company. Aonix's products and array of consulting services provide complete lifecycle solutions for analyzing requirements, designing, implementing, testing and deploying **software** for even the most challenging commercial or technical projects. Its comprehensive set of offerings address...

...is a trademark of Aonix Corp. QSS and DOORS are registered trademarks of Quality Systems & **Software** . All other company and product names are the trademarks of their respective companies. CONTACT: Aonix...

... Nadel Phelan Inc. Tom Harvey, 831/439-5570 x244 tom@nadelphelan.com or Quality Systems & **Software** Debbie Dacey, 973/770-6400 debbie

18/3,K/73 (Item 1 from file: 610)

DIALOG(R)File 610:Business Wire

(c) 2004 Business Wire. All rts. reserv.

00457102 20010206037B5664 (USE FORMAT 7 FOR FULLTEXT)

**Openpages Names Software Industry Veteran Beth Heather Macy as Vice President of Engineering**

Business Wire

Tuesday, February 6, 2001 08:32 EST

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 511

TEXT:

...Duffy, president and chief operating officer. Macy brings over 20 years of

leadership experience in **software** development and engineering at such leading

information technology companies as Lotus Development Corporation, IBM and Apple Computer. Macy will be responsible for Openpages' product development,

**software** architecture, **software** engineering and quality assurance activities.

In that capacity, she replaces Scott W. Killoh, Openpages founder...

...pro tem basis.

"We are delighted that Beth is joining the company to lead our **product development** efforts," said Warren Huff, chief executive officer of Openpages.

"She has a proven track record of **delivering** winning **products** and

building  
world-class distributed development teams at some of the world's best  
technology companies. Her skills will help Openpages to continue to develop  
and deliver the sophisticated **software** products that address our  
customers'  
business needs."  
Prior to joining Openpages, Macy held executive leadership...

**18/3,K/74 (Item 2 from file: 610)**

DIALOG(R)File 610:Business Wire  
(c) 2004 Business Wire. All rts. reserv.

00451638 20010129029B0063 (USE FORMAT 7 FOR FULLTEXT)  
**Cushman & Wakefield and Struxicon to Co-Develop Struxicon Interiors;  
Technology Suite to Web-Enable Total Solution for Commercial Real Estate  
Project Management**  
Business Wire  
Monday, January 29, 2001 14:39 EST  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 709

TEXT:  
...for interior  
build-outs.  
Struxicon Interiors will create the first suite of tools for owners,  
**developers** and **project managers** to plan, **organize , manage** and  
lead interior  
construction **projects** from conception through **completion** . Terms of the  
agreement were not disclosed.

Struxicon Interiors(TM) will combine the expertise and global **network** of  
Cushman & Wakefield's Project Management Group, which includes project  
managers, architects, engineers, programmers and...

**18/3,K/75 (Item 3 from file: 610)**

DIALOG(R)File 610:Business Wire  
(c) 2004 Business Wire. All rts. reserv.

00393979 20001025299B1255 (USE FORMAT 7 FOR FULLTEXT)  
**SmartSynch Reaches for Higher StandardLeading Wireless Data Solutions  
Developer Employs Rational Unified Process**  
Business Wire  
Wednesday, October 25, 2000 10:50 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 507

TEXT:  
...engineering process," a criterion for awarding  
Level 3 certification using the Software Engineering Institute's  
**Capability**  
**Maturity Model** (R). "This methodology gives us a huge jumpstart in the  
maturity  
of our **development organization** ," said Henderson.

**18/3,K/76 (Item 4 from file: 610)**



DIALOG(R)File 610:Business Wire  
(c) 2004 Business Wire. All rts. reserv.

00179784 20000126026B0121 (USE FORMAT 7 FOR FULLTEXT)  
**(AOC) Aon Corporation and Infosys Announce Strategic Relationship; Infosys to Provide Aon With Internet Expertise and Consulting**  
Business Wire  
Wednesday, January 26, 2000 08:06 EST  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 723

TEXT:  
Infosys Technologies Limited (Nasdaq:INFY), a leading **software** consulting firm, today announced a strategic relationship with Aon Corporation (Aon), a leading risk **management** and consulting **organization**, by which Infosys is building on its previously **completed projects** in **application** development and **Internet** services for the company.

The new projects, which further leverage **Internet** technologies, include the design, development and deployment of Aon's core US commercial brokerage Policy...

**18/3,K/77 (Item 1 from file: 613)**  
DIALOG(R)File 613:PR Newswire  
(c) 2004 PR Newswire Association Inc. All rts. reserv.

00643990 20010919ATW008 (USE FORMAT 7 FOR FULLTEXT)  
**Allin Accepted Into the Microsoft Project Partner Program**  
PR Newswire  
Wednesday, September 19, 2001 09:54 EDT  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 433

TEXT:  
...Geographically dispersed organizations are now able to work together more easily, using this type of **portal** solution to overcome issues of collaboration.  
"Microsoft Project 2000, combined with Project Central, provides the premier project **management** solution for **organizations** of all sizes. We are very pleased to have a business partner such as Allin ready and able to **deliver** Microsoft **project** -based solutions to our customers in the Pittsburgh area," said Joe Ratay, Managing Director of...

**18/3,K/78 (Item 2 from file: 613)**  
DIALOG(R)File 613:PR Newswire  
(c) 2004 PR Newswire Association Inc. All rts. reserv.

00643532 20010918LATU082 (USE FORMAT 7 FOR FULLTEXT)  
**Soheil Raissi Joins Raining Data as VP of Product Development**  
PR Newswire  
Tuesday, September 18, 2001 14:04 EDT  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 720

TEXT:

...Services. Raissi comes to Raining Data with over twenty years of experience in information technology,

**software** product development, systems integration and product marketing.

"We are very pleased to announce that Soheil...

...s broad experience makes him uniquely suited for this important role. His experience in rapid **product development** and systems consulting will be a valuable asset in streamlining our **software** development processes, enhancing Raining Data's ability to **deliver products** that meet the growing business needs of our customers. This action reflects our on-going commitment to our current database and tools product offerings."

Raissi has extensive experience in managing **software** product development organizations as well as building professional services and consulting practices. Most recently, he served as Vice President of Product Development at Equative, a **software** company providing Web-based project management products. In the past, Raissi has held senior management...

...Systems.

Raissi was the founder, president and chief product architect of Information Technology Group, a **software** development company that provided records management products and services to Fortune 1000 companies and government agencies. He also owned Unicom Systems, a consulting firm that provided **software** development, technical and management consulting services to various industries.

The company also announced that John Bramley would assume the new role of Vice President, New **Applications**. In his new role, Bramley will be focused on Raining Data's strategy to leverage...

...In addition, Bramley will continue to work closely with the sales, marketing, customer service and **software** development organizations in a capacity which leverages his extensive knowledge of our current database and...

...technology."

About Raining Data

Raining Data Corporation, headquartered in Irvine, California, offers a suite of **software** infrastructure products that enable developers to create innovative **applications**. Raining Data's flagship products are: 1) a family of powerful multidimensional database management systems that are the choice of thousands of **application** developers worldwide. These include D3(R), mvEnterprise(R) and mvBase(R). 2) mvDesigner, an object-oriented rapid **application** development (RAD) tool developed for use with

multidimensional  
database **applications** ; and 3) Omnis Studio(R) -- a powerful,  
cross-platform,  
object-oriented RAD tool that is well suited for developing sophisticated  
thick-client, Web-client or ultra thin-client database **applications** .

18/3,K/79 (Item 3 from file: 613)  
DIALOG(R) File 613:PR Newswire  
(c) 2004 PR Newswire Association Inc. All rts. reserv.

00263680 20000210SFTH001B (USE FORMAT 7 FOR FULLTEXT)  
**Toc Helps Complex Mpo's Accelerate Time-to-Market**  
PR Newswire  
Thursday, February 10, 2000 13:43 EST  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 384

TEXT:  
**Product development**  
**organizations** under constant pressure to **deliver** more **products** faster  
are  
doing so through a partnership between the Avraham Y. Goldratt Institute  
(AGI)  
and...

...to Market.  
"Complex organizations undertaking multiple projects and programs cannot  
implement critical chain methodologies without **software** . That's where  
our  
Concerto **software** takes over."

18/3,K/80 (Item 1 from file: 813)  
DIALOG(R) File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1011473 NYW038  
**Spyglass Appoints Former Sun Microsystem's Executive to Head World-Wide0**  
**Development Organization**

DATE: October 23, 1996 07:07 EDT WORD COUNT: 631

...supports the company's  
announcement to accelerate and build on its leadership position in the **Web**  
-  
enabled device marketplace. "As we focus on the device marketplace, it is  
important that we have the resources and management expertise to scale  
**product**  
**development** and services," Colbeth commented. "Rich has proven he can  
**manage**  
a large **development organization** and **deliver** the **products** and  
services needed  
to be successful. We're pleased to have him aboard."

Colbeth also...

18/3,K/81 (Item 2 from file: 813)

DIALOG(R) File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0992005 NYFO11  
**XcelleNet Announces Management Changes**

DATE: September 6, 1996 12:32 EDT WORD COUNT: 637

...September 1990  
after 10 years in financial and operational management positions with  
several  
emerging-growth **software** companies in Atlanta.

Robert I. Apollo was recently hired as Vice President and General  
Manager...

...s marketing department. "Joe brings a proven  
marketing perspective and a keen understanding of the **development** process  
to  
the product **development organization** ," stated Crumpler, "which we  
believe will  
improve our effectiveness in **delivering** new and enhanced **products** to  
the  
marketplace."

Additionally, John C. Bacon, President, and Robert J. Zack, Vice  
President  
of...

Set	Items	Description
S1	2	AU=(BENGZON S? OR BENGZON, S?)
S2	32450	(PROJECT? ? OR PRODUCT? ?) (3N) (DEVELOP? OR IMPROV?)
S3	13789	PERFORMANCE(2N) (DETERMIN? OR MEASUR?)
S4	9571	ORGANI?(3N) (DEVELOP? OR MANAG?)
S5	24997	(PROJECT? ? OR PRODUCT? ?) (3N) (DELIVER? OR COMPLET? OR DEP- LOY?)
S6	80202	TRAINING OR TRAIN? ?
S7	3173	SEPG OR ENGINEER?(2N) PROCESS?
S8	1238	CMM OR CAPABILITY(1N) (MATURITY OR MODEL? ?)
S9	209	S2(S)S4
S10	41	S9(S)S5
S11	643	S2(S)S5
S12	39	S11(S)S4
S13	23	S11(S)S3
S14	10	S7(2S)S8
S15	66	S10 OR S12 OR S13 OR S14
S16	26	S15 AND IC=G06F-017/60

? show file

File 348:EUROPEAN PATENTS 1978-2004/Aug W04

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040826,UT=20040819

(c) 2004 WIPO/Univentio

16/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01674827

**Delivery module and related platforms for business driven learning solution**  
**Ausgabemodul und darauf bezogene Plattformen fur geschäftsbedingte Lösungen**  
**Module et plateforme d'apprentissage d'accord a criteres d' affaires**

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 1376434 A1 040102 (Basic)

APPLICATION (CC, No, Date): EP 2003076999 030627;

PRIORITY (CC, No, Date): US 391929 P 020628; US 391932 P 020628; US 398814  
P 020729

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;

HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 135

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200401	831
SPEC A	(English)	200401	6993
Total word count - document A			7824
Total word count - document B			0
Total word count - documents A + B			7824

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION a new product/release. The enterprise will inform their  
delivery organization about the upcoming new **product** . The **delivery**  
organization will work with the **product developers** and subject matter  
experts during the training course **development** . The delivery  
**organization** will also participate in the knowledge transfer, which is  
held by regional research and development...

16/3,K/2 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01029979 \*\*Image available\*\*

DIGITAL COCKPIT

POSTE DE PILOTAGE NUMERIQUE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200359738 A2-A3 20030724 (WO 0359738)  
Application: WO 2003US589 20030109 (PCT/WO US03000589)  
Priority Application: US 2002347230 20020109

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK  
SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI  
SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 24968

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... or autopilot. In a similar fashion, a business 102 can also be viewed  
as an **engineered** system or **process** 106 comprising multiple  
subprocesses and associated systems (e.g., 108, 110, 112). Like an  
airplane...examining the uncertainty associated with input data, the  
inherent uncertainty associated with the forward-looking **models**, the  
**capability** of a business to react to a change, and other factors, and  
then deliberately manipulate...

16/3,K/3 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01020817 \*\*Image available\*\*

ACCELERATED PROCESS IMPROVEMENT FRAMEWORK

CADRE D'AMELIORATION ACCELEREE D'UN PROCEDE

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200350742 A1 20030619 (WO 0350742)  
Application: WO 2002US39193 20021209 (PCT/WO US0239193)  
Priority Application: US 20015759 20011207

Parent Application/Grant:

Related by Continuation to: US 20015759 20011207 (CON)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG  
SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK  
TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 47134

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description  
Claims

English Abstract

...The invention provides a method for producing a more mature product. The method comprises the managing of an organization developing the product, whereby management comprises managing organizational personnel and implementing a product improvement process. The method may comprise managing a product development project and the delivery of the product. Actions undertaken during the organizational management affects implementation of the project and delivery managements, and the actions undertaker during the project



and **delivery** management affect implementation of the **organizational management** . The method may be implemented using electronic hardware and software, locally or over a network...

#### Detailed Description

... product may be more mature, as measured by the CMM.

#### Background of the Invention

The **Capability Maturity Model** (CMM) may refer specifically to the **Capability Maturity Model** for Software (SW- CMM ) or, more generally, to a number of other process improvement models developed by the Software Engineering Institute (SEI) and registered to Carnegie Mellon University. The SW- CMM was the first model developed by the SEI, and it originally evolved from the need...and distinguish well designed and shoddy, defective products. The two major usages of the SW- CMM are: (1) as a model for Software Process Improvement (SPI) and (2) as a measure of the capability to produce quality systems. Specifically, the CMM may help a purchaser differentiate properly working product from an incomplete, nonfunctioning, poorly designed product by providing information on a producing organization and its production and development procedures.

The CMM is an example of a model-based improvement approach that focuses on creation process quality...waiting to identify defects after creation of the product is generally difficult and costly. The CMM may be used as a guideline for prioritizing limited resources on the most important, foundational improvements. In the SW- CMM , Key Process Areas (KPA's) define "building blocks" based on industry best practices. The ultimate goal is to establish "continual improvement" of the software engineering process and the resulting products, kaizen (Statistical Process Control), which is common in nonsoftware engineering disciplines. The CMM is described more fully in Mark C. Paulk, The Capability Maturity Model: Guidelines for Improving the Software Process (The SEI Series) (Addison-Wesley Pub Co.) (1995).

The **Capability Maturity Model Integration** (CMMI) was developed to integrate the SW- CMM and various other existing models into a common model. The developers of the CMMI are...

...is expected to release Version 1. 1 of CMMI in the near future.

The SW- CMM model defines five capability ...method for producing a more mature product. A preferred embodiment of the method comprises the **managing an organization developing** the product, whereby the **organizational management** comprises **managing** personnel of the **organization** and implementing a product improvement process. The method may further comprise **managing a project** for developing the **product** and **managing the delivery** of the **product** . Furthermore, actions undertaken during the **organizational management** affects implementation of the **project** and **delivery** managements, and the actions undertaken during the **project** and **delivery** managements likewise affect implementation of the **organizational management** .

In another embodiment, this method ...200 contains the methodologies, process flows, tools, and templates to create and maintain a Software Engineering Process Group ( SEPG ). It should be noted that in the CMMI, the SEPG is replaced by a Process Group to allow for the inclusion of systems engineering. Thus, this application uses the SEPG to refer to a group overseeing software and non-software processes.

As suggested by its...

...FIG. 2A, the process stage 200 consists of the steps of planning and organizing a **SEPG**, step 201; and of managing and improving the organization's processes, step 202. Step 201 is further subdivided into planning **SEPG** project execution (step 210) and organizing **SEPG** project resources (step 220). Likewise, managing and improving the organization's processes in step 202 may be subdivided into controlling **SEPG** project work (step 230); rolling out and supporting **SEPG** projects (step 240), completing the **SEPG** project 290, and controlling process improvement (step 203). In turn, the step of controlling process...

...step 270; and conducting process improvements, step 280.

In the planning and organizing of the **SEPG** in step 201, the organization first performs the planning of the **SEPG** project execution, step 210. While planning **SEPG** project execution in step 210, the **SEPG** defines its process improvement plan and subordinate plans for the fiscal year. Since the **SEPG** is a continuously operating project, plans are reviewed and updated annually, at a minimum, usually **SEPG** project plan, a **SEPG** work plan, a communication and sponsorship plan, a configuration management plan, a risk management plan, and a training needs matrix, as these objects are defined in the **CMM**. The organization further performs decision analysis and resolution during the planning of the **SEPG** project execution, step 210.

One possible process for planning the **SEPG** project execution, step 210, is generally depicted in FIG. 2B. In an initial aspect of the planning a **SEPG** project execution, step 210, the organization tailors the **CMM** in a BOX method 10 as needed. Specifically in step 212, the organization determines whether to waive or skip steps in the **CMM** in ...a project and therefore unneeded to either achieving higher levels of maturity in the **CMM** or to develop more mature products.

Another step in the **SEPG** project execution, step 210, is to develop a project plan, step 214. The...may create a "bottom-up" or task-level project Workbench(b).

Another aspect of the **SEPG** project execution process, step 210, is to develop project estimates, step 218. The...2A, the organization then continues the process stage 200 and the planning and organizing the **SEPG**, step 201, by organizing the **SEPG** project resources, step 220. During step 220, the **SEPG** focuses on obtaining, assigning and training its human resources, and establishing the project's other...and document repositories. This task is performed iteratively as needed to organize, mobilize and manage **SEPG** resources throughout the execution of the project. The organization performs step 220 as needed to...

...training needed to enable resources. Turning to FIG. 2C, the first step in organizing the **SEPG** project resources in step 220 is to refine resource needs, step 221. In this step...development standards, and the use of project specific tools.

The organization continues the organizing the **SEPG** process resources in step 220 through organizing a project team in step 223, also illustrated ...and orientation binder that are created as required to achieve higher maturity levels in the **CMM**.

Returning to FIG. 2C, another task in the organization of **SEPG** project resources is to establish other resources indirectly needed for the **SEPG**

project, step 224. Specifically, the organization performs this task by organizing the physical resources, such...promotes communication, collaboration, and group cohesion.

Also, as illustrated in FIG. 2C, the organization of **SEPG** project resources in process 220 further includes enabling resources, step 225. An organization performs this...project status in step 234, the organization should document meeting minutes as required for the **CMM**.

Continuing with FIG. 21), following the communication of project status in step 234, the organization...program.

Concurrent with the above-described steps 231-235, another task in the control of **SEPG** project work in step 230 is to execute project management processes, step 236. The organization...reviews, provides the Super SQA Reviewer with the Super SQA Reviewer training presentation and the **SEPG** Program SQA Plan, and provides the super SQA reviewer with standards and supporting documents to...up with the document owners as needed for meeting with the requirements of the desired **CMM** level. The document owner participates in the interview with the super SQA reviewer and remains...Report to the PI Team Leader, and schedule discussion of nonconformance items with the **SEPG** Program Lead. The PI team representative also prepares and documents responses in the SQA Report...incorporated into the process asset, it will be rolled out to the organization and/or **SEPG** team, as necessary. In step 284, the **SEPG** liaisons have the primary responsibility of communicating the new processes and tools to the organization...as needed to encourage the development of more mature products and achieve higher levels of **CMM** maturity. ...product are developed much like a new product.

#### System

Those skilled in the art of **process engineering** will recognize that various embodiments of the **CMM** in a BOX method 10 described above may be implemented in various ways. For instance...Using these inputs, the application then creates a series of task lists to implement the **CMM** in a BOX method 10 of the present invention. The application may further create a...activities.

In particular, those skilled in the art will recognize that various embodiments of the **CMM** in a BOX method 10 described above may be implemented using a combination of both electronic hardware and software. Referring to Fig. 11A, a **CMM** implementation system 1100 receives user input 1130 and produces a...1450. The database engine 1430 then stores the location for the stored document.

#### Conclusion

The **CMM** method of the present invention has been empirically shown to allow organizations to achieve higher levels of **CMM** hierarchy much more rapidly. On average, an organization or a project ...within an organization takes about three years to achieve compliance with level 3 of the **CMM**. In contrast, several projects implementing the **CMM** in a BOX method 10 of the present invention have reached level 3 of the **CMM** in an average of nine months. These results suggest the utility and benefit of the present invention in assisting organizations to achieve higher levels of **CMM** maturity.

The foregoing description of the preferred embodiments of the invention has been presented for...present invention may be modified as needed to meet the requirements of new versions of **CMM** and other maturity models as they are developed. It is intended that the scope of...the claims hereinafter appended.

Table 1

Document Name Type Description Stage Step  
(Navigator Item)

Plan **SEPG**

Process Project

The **SEPG** Project Plan serves as a Execution guideline for defining, measuring, and Organize **SEPG** monitoring commitment to quality by all Process Project ;EPG Project Plan Template team members on...

...identifies the key project roles, responsibilities, and personnel, and houses the project organization chart. Control **SEPG** Process Project Work

The Decision Analysis and Resolution (DAR) reference document defines DAR and its...artifacts, and

provides guidelines for selecting the Decision Analysis appropriate DAR technique. It also Plan **SEPG** and Resolution Reference specifically outlines the process that all Process Project Reference Document projects must...

...s application lifecycle. Included are sample artifacts that may be created when using DAR.

The **SEPG** Work Plan describes the key Plan **SEPG** deliverables to be ...either at the end of a preceding phase of work, or during the Process Control **SEPG** project definition process. This will be the Project Work basis for the projects approach and...Process Project 'aining CMMI Level 3 concepts and examples. This Resources Training pertains to the **Capability Maturity Model** - Integrated (CMMI) framework.

**CMM** in a Box is based on the CMMI framework.

The CMIVIII Awareness for Sponsors Training MMI Awareness is a presentation designed to help sponsors Organize **SEPG** r Sponsors Training understand the CMMI framework and its Process Project -aining benefits, understand CMMI Level 2 Resources concepts and examples, and understand CMMI Level 3 concepts and examples.

The **SEPG** Program Overview is a brief presentation designed to help the training Organize **SEPG** EPG Overview Training attendees understand CMMI and why it is Process Project mining important to the organization as well as Resources understand how the **SEPG** supports the CMMI

The Quality Reviews Training provides attendees with a definition and purpose for the Software Quality Assurance and Peer Reviews. The training will help to better Organize **SEPG** uality Reviews Training understand the importance of Quality Process Project

-aining Reviews, the process to...conducted at the end of the project. During this meeting, the Software Engineering Process Group ( **SEPG** ) project Reference manager gathers metrics on the Rollout & QA Debrief effectiveness of the SQA process...in standard QA Report Template processes and deliverables as listed on the Process Conduct Super

**CMM** Best Practices matrix. The SQA SQA Review Reviewer produces this document as a result of...

#### Claim

... files related to a method for accelerating process improvement, the method comprising a step for **managing** an organization **developing** a **product** , a step for managing a **project** for **developing** said **product** , and a step for managing the **delivery** of said **product** ; and a data management system for administering said files.

2 The system of claim 1...A method for accelerating process improvement, the method comprising:  
storing data related a step for **managing** an organization **developing** a **product** , a step for managing a **project** for **developing** said **product** , and a step for managing the **delivery** of said **product** ; and administering said data using a document management system.

13 The method of claim 12 further comprising:  
associating a document with one or actions in said step for **managing** an organization **developing** a **product** , said step for managing a **project** for **developing** said **product** , or said step for managing the **delivery** of said **product** .

14 The method of claim 12 further comprising:  
graphically displaying one or actions in said step for **managing** an organization **developing** a **product** , said step for managing a **project** for **developing** said **product** , or said step for managing the **delivery** of said **product** .

15 The method of claim 12 wherein the said data is stored on a plurality ...

...16 A method for producing a more mature product, the method comprising the steps of a) **managing** an organization **developing** said **product** , whereby said **organizational management** comprises **managing** personnel of said **organization** and implementing a **product improvement** process;  
b) managing a **project** for **developing** said **product** ; and  
c) managing the **delivery** of said **product** ,  
whereby actions undertaken during said **organizational management** affects implementation of said **project** and **delivery** managements; and whereby said actions undertaken during said **project** and **delivery** managements affect implementation of said **organizational management** .

17 The method of claim 16, wherein said product improvement process comprises planning the product...tangibly embodying a program of instructions executable by a machine to perform method steps of **managing** an **organization** **developing** said **product**; **managing** the managing a **project** for developing said **product** ; and managing the **delivery** of said **product** .

16/3,K/4 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00943767 \*\*Image available\*\*

**SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR A SUPPLY CHAIN MANAGEMENT  
SYSTEME, PROCEDE ET PRODUIT PROGRAMME INFORMATIQUE CONCUS POUR UNE GESTION  
DE CHAINE D'APPROVISIONNEMENT**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200277917 A1 20021003 (WO 0277917)

Application: WO 2002US8287 20020319 (PCT/WO US02008287)

Priority Application: US 2001816567 20010322; US 2001815598 20010323; US  
2001816565 20010323; US 2001816488 20010323; US 2001816426 20010323; US  
2001815899 20010323; US 2001816507 20010323; US 2001816422 20010323; US  
2001816269 20010323; US 2001816491 20010323; US 2001816101 20010323; US  
2001816231 20010323; US 2001816421 20010323; US 2001816069 20010323; US  
2001816296 20010323; US 2001816249 20010323; US 2001816121 20010323; US  
2001815668 20010323; US 2001816187 20010323; US 2001815490 20010323; US  
2001816471 20010323; US 2001815606 20010323; US 2001815777 20010323; US  
2001815813 20010323; US 2001816429 20010323; US 2001815515 20010323; US  
2001816543 20010323; US 2001816349 20010323; US 2001816331 20010323; US  
2001816167 20010323; US 2001816881 20010323; US 2001816536 20010323; US  
2001816092 20010323; US 2001816576 20010323; US 2001815759 20010323; US  
2001816495 20010323; US 2001816976 20010323; US 2001816083 20010323; US  
2001815715 20010323; US 2001815989 20010323; US 2001816561 20010323; US  
2001815483 20010323; US 2001816553 20010323; US 2001815688 20010323; US  
2001816388 20010323; US 2001816358 20010323; US 2001815729 20010323; US  
2001816537 20010323; US 2001816434 20010323; US 2001815897 20010323; US  
2001815734 20010323; US 2001816431 20010323; US 2001816021 20010323; US  
2001816454 20010323; US 2001816413 20010323; US 2001816430 20010323; US  
2001816428 20010323; US 2001815830 20010323; US 2001816922 20010323; US  
2001815489 20010323; US 2001816048 20010323; US 2001815727 20010323; US  
2001816212 20010323; US 2001815660 20010323; US 2001815894 20010323; US  
2001816151 20010323; US 2001816582 20010323; US 2001816033 20010323; US  
2001816357 20010323; US 2001816420 20010323; US 2001815731 20010323; US  
2001816503 20010323; US 2001816160 20010323; US 2001815893 20010323; US  
2001816414 20010323; US 2001815792 20010323; US 2001815864 20010323; US  
2001816896 20010323; US 2001815725 20010323; US 2001816285 20010323; US  
2001815973 20010323; US 2001815845 20010323; US 2001816314 20010323; US  
2001816075 20010323; US 2001816944 20010323; US 2001815559 20010323; US  
2001816203 20010323; US 2001816567 20010323; US 2001816268 20010323; US  
2001816424 20010323; US 2001816564 20010323; US 2001816455 20010323; US  
2001816412 20010323; US 2001815590 20010323; US 2001816555 20010323; US  
2001816560 20010323; US 2001816427 20010323; US 2001834600 20010413; US  
2001834838 20010413; US 2001834924 20010413; US 2001834465 20010413

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ

EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 114107

...International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... distributor of the supply chain, the electronic order including a  
contact with terms of a **delivery** of the goods. Information relating  
to the delivery and/or costs of the goods...

16/3,K/5 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00933152 \*\*Image available\*\*

**EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM  
FOR RENTAL VEHICLE SERVICES**

**SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES,  
FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200267175 A2 20020829 (WO 0267175)

Application: WO 2001US51437 20011019 (PCT/WO US0151437)

Priority Application: US 2000694050 20001020

Parent Application/Grant:

Related by Continuation to: US 2000694050 20001020 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ



EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

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Fulltext Word Count: 243912

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... If the unit information is not available, use P=UnitPending.  
The ticket will print, but you must complete this information when available, using option 9 in the ECARS Main Menu, " **Complete a Ticket** ".

Rate:

This section requires information regarding the daily rate along with the hire rate and  
rental charges.

Estimated Charges, Damage Waiver, PAI and SLP daily rates are also  
included in this... call from "DO" to "OK." Key 3 days from today as the  
Extension Date.

This **completes** the review for Section I - Adjustor!

Turn to the next page and continue the Callback...

16/3,K/6 (Item 5 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00911741 \*\*Image available\*\*

**EFFICIENT PRESENTMENT AND PAYMENT OF BILLS**

**PRESENTATION EFFICIENTE ET PAIEMENT DE FACTURES**

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Patent: WO 200244863 A2-A3 20020606 (WO 0244863)

Application: WO 2001US46700 20011203 (PCT/WO US0146700)

Priority Application: US 2000250814 20001201

Designated States:

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14254

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... Owner/Developer paying a portion each period of the aggregated bills, less retention, until the **project** is **complete** . At that time, the vendors will bill for retention amounts and submit conditional waiver and ...release report showing waivers or releases signed by the billing entities, directly to the Owner/ **Developer** and/or Financial **Organization** . The Owner/ **Developer** causes approved bills to be paid directly to each billing entity, using the BPA or...

...of said payment. The process continues until the authorizing Entity(ies) certify that the entire **project** is **complete** and all billing entities are paid in full.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1...other Claims:.In most

jurisdictions, each billing entity's right, to be paid for tasks **completed** according to **project** agreements is supported by the use of mechanic's liens and/or other claims (such...

...rights secure payment for the working entity and avoid liability problems for the owner or **project developer** . For purposes of this specification, any such release or waiver will be referred to as...

...approved by the authorizing entities. Under a typical agreement, these "retention" amounts are paid upon **completion** of the **project** and not as an increasing incentive to ...The Progress Authorization Form also may be used to enter information regarding percentage of total **project completed** .

Conditional Claims Release Form is a form created by the BPA through the manipulation of...

16/3,K/7 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00885088 \*\*Image available\*\*

**METHOD AND SYSTEM FOR PROVIDING A KNOWLEDGE EXCHANGE PORTAL**

**PROCEDE ET SYSTEME DE PORTIQUE D'ECHANGE DE CONNAISSANCES**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200219215 A1 20020307 (WO 0219215)

Application: WO 2001US26910 20010829 (PCT/WO US0126910)

Priority Application: US 2000652853 20000831

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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Filing Language: English

Fulltext Word Count: 7603

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... may be updated sporadically.

As an example, assume that a large company has many different **organizations** involved with **product development** and **delivery**, and that each organization posts its own respective website. The problem is that each organization...

16/3,K/8 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00806392

TECHNOLOGY SHARING DURING ASSET MANAGEMENT AND ASSET TRACKING IN A  
NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF  
PARTAGE TECHNOLOGIQUE LORS DE LA GESTION ET DU SUIVI DU PARC INFORMATIQUE  
DANS UN ENVIRONNEMENT DU TYPE CHAINE D'APPROVISIONNEMENT RESEAUTE, ET  
PROCEDE ASSOCIE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200139086 A2 20010531 (WO 0139086)

Application: WO 2000US32310 20001122 (PCT/WO US0032310)

Priority Application: US 99444653 19991122; US 99447623 19991122

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ  
UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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Fulltext Word Count: 156214

Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Detailed Description

Detailed Description

... is even more important. In partial response to these demands, sophisticated telecommunications equipment has been **developed** that permits users to quickly and easily place, receive, transfer and switch telephone calls as... heuristic approach, the placement of physical selfhealing rings and optimal traffic routing may thereafter be **determined** by retrieving the logical SHR and preliminary routing information from memory and maximizing the percentage... of Fortune 1000 managers are already outsourcing or plan to outsource their ongoing network operations **management**. In addition, it is the communications provider that is thought of as the most likely... presentation managers. All information forwarded from the element managers is utilized by the information services **manager** to provide information to the network operators. The information services manager adheres to CORBA standards... exposed to any current product promotion by the sponsor/vendor and can download promotional coupons, **product** information, etc. After this mandatory guided tour is completed, the customer is allowed to enter... a strict upper limit on block size that carries with it sufficient identification necessary for **delivery** to its destination. Such packets usually contain several hundred bytes of data and occupy a given transmission line for only a few tens of milliseconds.

**Delivery** of a larger file via packet switching requires that it be broken into many small...

...and sent one at a time from one machine to the other. The network hardware **delivers** these packets to the specified destination, where the software reassembles them into a single file... physical frame, addresses it, and then sends the frame directly to the destination machine.

Indirect **delivery** is necessary when more than one physical network is involved, in particular when a machine... services could include identification of at least one advantage of the at least one of **products** and services. Optionally, the recommendation of at least one of the products and services includes... sent to the user for assisting a user to determine the shipping status of a **product**.

Also envisioned is a quick-stop mass retail system which enables purchasers to order and...

16/3,K/9 (Item 8 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00806384

NETWORK AND LIFE CYCLE ASSET MANAGEMENT IN AN E-COMMERCE ENVIRONMENT AND METHOD THEREOF  
GESTION D'ACTIFS DURANT LE CYCLE DE VIE ET EN RESEAU DANS UN ENVIRONNEMENT DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE

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(Residence), US (Nationality)  
Inventor(s):  
MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,  
Legal Representative:  
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,  
2029 Century Park East, Los Angeles, CA 90067-3024, US,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200139030 A2 20010531 (WO 0139030)  
Application: WO 2000US32324 20001122 (PCT/WO US0032324)  
Priority Application: US 99444775 19991122; US 99447621 19991122  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)  
AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB  
GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN  
YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
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Publication Language: English  
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Fulltext Word Count: 171499

Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Detailed Description

#### Detailed Description

... step 4806 is received by the Information Services Manager and  
forwarded to the Proactive Threshold **Manager** . The Information Services  
**Manager** provides the data **management** and data communications between  
the element manager and other system components. Generally, the  
Information Services...  
...minimum level of service that the service provider can provide without  
violating SLAs.

115

#### Element **Management**

As discussed above, the element **manager** works with the Information  
Services

**Manager** and the Presentation Manager to assist in the management of the  
hybrid network system. The...magnitude better than a voice-grade  
telephone line. New technology, however, has I 0 been **improving** the  
perfon-nance of these lines.

The Internet is composed of a great number of...can be employed to  
support multiple, differing models, take advantage of new revenue  
opportunities, and **deliver product** configurations most desired by  
users. Electronic commerce technologies that do not, as the present  
invention...is provided for facilitating a virtual shopping transaction.  
First, a plurality of items, i.e.

**products** or services, are selected from a database and displayed for  
purchase in operation 5500.  
Preferably...

16/3,K/10 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
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00806383

COLLABORATIVE CAPACITY PLANNING AND REVERSE INVENTORY MANAGEMENT DURING  
DEMAND AND SUPPLY PLANNING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT  
AND METHOD THEREOF

PLANIFICATION EN COLLABORATION DES CAPACITES ET GESTION ANTICIPEE DES  
STOCKS LORS DE LA PLANIFICATION DE L'OFFRE ET DE LA DEMANDE DANS UN  
ENVIRONNEMENT DE CHAINE D'APPROVISIONNEMENT FONDEE SUR LE RESEAU ET  
PROCEDE ASSOCIE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200139029 A2 20010531 (WO 0139029)

Application: WO 2000US32309 20001122 (PCT/WO US0032309)

Priority Application: US 99444655 19991122; US 99444886 19991122

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FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ  
UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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Fulltext Word Count: 157840

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... used to develop complex applications. As OOP moves toward the  
mainstream of software design and **development**, various software  
solutions require adaptation to make use of the benefits of OOP.

17

In...transformation from the cur-rent "Core" to the "New Core".

As packet technologies continue to **develop** rapidly, it will be possible  
to support what was once a distinct set of services...

Claim

... performance info

rN-etwoWrk performance collection, correlation I

Design & Buil@j

goals formatting of usage **performance** jNtwk Maintenanc

**determine performance** in

starVstop of capacity, utilisation and degradation ' @Restoration  
monitoring provide notification capacity request Network...

...gm Customer QoS  
Planning and Available Life-cycle management of service/ Service clal'-Fp  
Management  
Development quality data  
Capacity product portfolio  
Monitor overall delivered quality of  
Service Service 2 service class  
1302 Problem Monitor available capacityusage service  
Resolution against...

16/3,K/11 (Item 10 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00793260

**METHOD AND ESTIMATOR FOR PROVIDING OPERATION MANAGEMENT STRATEGIC PLANNING  
TECHNIQUE ET ESTIMATEUR POUR LA PLANIFICATION STRATEGIQUE DE LA GESTION DES  
OPERATIONS**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200126011 A1 20010412 (WO 0126011)  
Application: WO 2000US27801 20001006 (PCT/WO US0027801)  
Priority Application: US 99158259 19991006

Designated States:

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ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
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Fulltext Availability:

Detailed Description

Detailed Description

... of detail desired by

sponsor management, and then creating the Operations Architecture as  
specified. The products to be delivered as the final step are  
preferably

negotiated at the beginning of the **project** .

Task 1583: **Develop** OM **Organization** Definition

The goal of task 1583 is to develop the high-level plan for an...

...of

detail desired by sponsor management, and then creating the operations organization as specified. The **products** to be **delivered** as the final step are preferably negotiated at the beginning of the **project** .

Task 1587: **Develop** OM Function Capability Blueprints

The goal of task 1587 is to develop the high-level...

16/3,K/12 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00793243 \*\*Image available\*\*

**ORGANIZATION OF INFORMATION TECHNOLOGY FUNCTIONS**

**ORGANISATION DE FONCTIONS DE TECHNOLOGIE DE L'INFORMATION**

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US27857 20001006 (PCT/WO US0027857)

Priority Application: US 99158259 19991006

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

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Fulltext Word Count: 43417

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description



... Competency Development.

In a larger sense, a function for resource gap identification ensures that an

**organizational** Human Performance **Management** group is aware of potential competency needs based upon new projects that are planned, For example, if an approved **project** is **developing** an Internet application, an organization would inform Human Performance Management at the start of the...

...be developed (either by training existing personnel or by hiring new) by the time the **project** is **complete** .

A third function within resource forecasting involves identifying required skills and knowledge, assigning and performing...maintains the portfolio of applications by accepting new ones into production (through participating in the **development** and **deployment project** ), retiring old ones, and understanding the quality of the applications in the portfolio. Portfolio maintenance...

...applications and other software assets (such as development software) that are part of the Application **Management organization** 's archives or current portfolio.

The last function listed for portfolio management is work request...

16/3,K/13 (Item 12 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00792496 \*\*Image available\*\*

METHOD AND ESTIMATOR FOR PROVIDING STORAGE MANAGEMENT

TECHNIQUE ET ESTIMATEUR POUR LA GESTION DES MOYENS DE STOCKAGE

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Chicago, IL 60610, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200126012 A1 20010412 (WO 0126012)

Application: WO 2000US27802 20001006 (PCT/WO US0027802)

Priority Application: US 99158259 19991006

Designated States:

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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Fulltext Word Count: 13075

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

- ... client within minutes. The estimator produces a detailed break down of cost and time to **complete a project** by displaying the costs and time corresponding to each stage of a project along with...
- ...storage 5 management of Figure 2.  
Figure 13 shows a representation of a task for **developing learning products** for the storage management of Figure 2.  
Figure 14 shows a representation of a task...Thereby, an information technology framework for understanding the interrelationships of the various functionalities, and for **managing** the complex IT **organization** is provided.  
The various operations management functionalities within the IT framework include a customer service...infrastructure 5510, build and test operations architecture 5550, develop policies, procedures and performance support 6220, **develop learning products** 6260 and prepare and execute technology infrastructure product tests 5590. The fourth phase, deployment 108...technology 3590. When this portion is completed, the planning stages of the project for the **project** will be **complete**.  
Step 3510 - Analyze Technology Infrastructure Requirements:  
For this step, the method of the present invention...
- ...the selection and design of the technology infrastructure, and establishing preliminary plans for technology infrastructure **product** testing. The **project deliverables** here will include operations architecture component requirements, a physical model of the operations architecture, and...
- ...includes defining the test objectives, scope, environment, test conditions and expected results, and developing the **deployment** plan. The **product** test is a test of the whole infrastructure, not just the storage management technology components...organizational infrastructure mobilization 2717, or hiring, and lastly, to verify and validate 2719 that the **organization** is meeting storage **management** needs.  
Task 271 1: Design Roles, Jobs, and Teams  
This task includes determining the competencies...
- ...and estimating the resources required for every position. Preferably, the task includes confirming the storage **management** function **organizational** requirements. The task also includes designing the roles, jobs and teams, determining the reporting relationships, and identifying the **performance measurement** factors. The key issues include the scope of activities to be performed, geographic distribution of...
- ...the Organization.  
Task 2715: Design Performance Management Infrastructure  
5 This task includes defining how individual **performance** is **measured**, developed, and rewarded, and **determining** a **performance** management approach and appraisal criteria. Preferably, the task includes developing

-standards for individuals and teams...

...2719: Verify and Validate Organization Structure

This task includes verifying and validating that the storage **management organization** meets the needs of the storage management function and is internally consistent. Preferably, the task...

...determining the approach to be used and participants to be involved, and verifying that the **organization** structure satisfies storage **management** function requirements.

The task also includes confirming the organization with subject matter experts, and validates...

...Performance Enhancement Infrastructure:

0 This step includes determining the actions required to migrate the human **organization** dedicated to storage **management** from the current to the future situation. In this step, a performance enhancement infrastructure is...

...of the current storage management staff based on the competency model previously developed.

Task 2753: **Determine Performance Enhancement Needs**

This task includes assessing the performance support and training requirements necessary to close...where the software does not satisfy requirements, and selecting the appropriate reuse components.

If the **organization** already has storage **management** software in place, it would normally only undertake a storage management project in order to

...includes analyzing the

impact of validation outcomes on costs and benefits, and refining plans for **deployment** testing.

The **project** may proceed along three time-lines in the build and test portion 106 of Figure...

...the

selected operations architecture 5550. At the same time, other groups or personnel of the **organization** may **develop learning products** 6260, and other

groups or personnel may develop policies, procedures and performance support 6220 for the new system. With these tasks **completed**, the **project**

manager will proceed to prepare and execute a test of the new system, that is...

...revise as needed for new or updated

requirements. If other OM components interface with storage **management** software, the **organization** plans for testing of ...a convenient time for testing on-line support products, and resolving open issues.

Step 6260 - **Develop Learning Products** :

Though not strictly a part of project hardware building, a successful 1 0 project will typically include some thought to training its users.

Thus, an important step may include **development** of learning **products** 6260, as shown in Figure 13. A first task may include defining the needs for...this step, the method of the present invention creates a complete, finalized set of learning **products**.

Task 6261: **Develop Learning Product Standards and Development Environment**

This task includes creating the environment for developing the storage management learning products. Preferably, a manager selects authoring and development tools, defines standards, and designs templates and procedures for **product development**. Technical training in storage management software

components may come from the package vendor or a...

...Detailed Design

In this task, personnel specify how each learning product identified in the learning **product** design is **developed**. Preferably, the task includes

defining learning objectives and context, designing the learning activities, and preparing...

...and ensuring that technical software training are complete. It is strongly recommended that formal learning **products** be **developed** even if the planned format for delivery of entry-level training is on-the-job...

...and conduct and evaluate the prototype.

Task 6267: Create Learning Products

In this task, the **organization** **develops** the learning materials proposed

and prototyped during the design activities. Preferably, they develop activities, content...

...Step 5590 - Prepare and Execute Technical Infrastructure Product Test.

At this point, much of the **project** work has been **completed**, and the **product** is ready for testing in a realistic environment 5590 to insure it is ready for...

16/3,K/14 (Item 13 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00792474 \*\*Image available\*\*

**SYSTEM FOR HIRING AND ENGAGEMENT MANAGEMENT OF QUALIFIED PROFESSIONALS  
PROCEDE DE GESTION DU LOUAGE ET DE L'ENGAGEMENT DE PROFESSIONNELS QUALIFIES**

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Patent and Priority Information (Country, Number, Date):

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Priority Application: WO 99US23041 19991004

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MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN  
YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

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Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... select from a list

that includes experiences such as business/opportunity strategy,  
marketing/communications strategy, **product / development** strategy,  
**delivery** /operations strategy,, organizational change strategy,,  
financial strategy,, and mergers and acquisitions, and the like. Under...

...Finally, registrants can select such experiences as process  
mapping/workflow design, business  
process design/improvement, **management** process/ **organizational**  
design,,  
information/knowledge **management** , communications/marketing approach,  
creative  
design/communications, sales,, financial resource management, risk  
management/compliance,, quality, efficiency...

16/3,K/15 (Item 14 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00777022

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR AN E-COMMERCE BASED  
ARCHITECTURE

SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION POUR UNE ARCHITECTURE BASEE SUR  
LE COMMERCE ELECTRONIQUE

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US20704 20000728 (PCT/WO US0020704)

Priority Application: US 99364734 19990730

Designated States:

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AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
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Fulltext Word Count: 122424

...International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

#### Detailed Description

... or other protocols could be readily substituted for HTML without undue experimentation.

Information on these **products** is available in T. Berners-Lee, D. Connolly, "RFC 1866: Hypertext Markup Language - 2.0...description details the ReTA User Interface (UI) framework design from the perspective of the application **developer**. The role of this framework is to provide services that generate the HTML code for...based applications  
PVCS Version Manager  
PVCS Version Manager from INTERSOLV is the industry standard for **organizing**, **managing** and protecting your enterprise software assets. Version Manager enables teams of any size, in any...

...simple and easy to use. It supports developers in many locations, working on many platforms

**Organizes** and references all project components graphically with a flexible, project oriented approach  
152

customization

Procedures1Standards...The time required for backups must also be considered. Usually the number of hours without **development** per day decreases over time and if backups can only be performed when no user...g. Customer, 1 5 Manager). Microsoft Transaction Server's integrated Windows NT security allows the **developer** to determine the security rights for each component.

The dynamic, context dependent security is implemented...wide variety of users over the Internet, intranet, and extranet.

#### Web Server Services

##### Description

Enables **organizations** to **manage** and publish information and deploy Netcentric applications over the Internet and Intranet environments. These services...

16/3,K/16 (Item 15 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00777020

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR RESOURCE ADMINISTRATION IN AN E-COMMERCE TECHNICAL ARCHITECTURE**  
**SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR L'ADMINISTRATION DE RESSOURCES DANS UNE ARCHITECTURE TECHNIQUE DE COMMERCE ELECTRONIQUE**

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

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ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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...International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... small to medium sized engagements and PVCS Version Manager is preferred for large, enterprise-scale **development** efforts. For a **complete** description of the configuration and usage of the Microsoft 151

Visual SourceSafe application as it...software assets. Version Manager enables teams of any size, in any location, to coordinate concurrent **development**, with secure access and a complete audit trail.

See Figure 31, which illustrates a frame...

...reset capabilities

Backup and Restore

The incremental value of the daily work performed on the **development project** is high. This 5 investment must be protected from problems arising from hardware and software...wide variety of users over the Internet, intranet, and extranet.

Web Server Services

Description

Enables **organizations** to **manage** and publish information and deploy Netcentric applications over the Internet and Intranet environments. These services...serially, even if they are performed concurrently...

A transaction is durable; the effects of a **completed** transaction are persistent; they are never lost (except in a catastrophic failure).

A transaction can...

16/3,K/17 (Item 16 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00777017

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A HOST FRAMEWORK DESIGN IN AN E-COMMERCE ARCHITECTURE

SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION DESTINES A LA CONCEPTION D'UNE STRUCTURE D'ORDINATEUR CENTRAL DANS UNE ARCHITECTURE DE COMMERCE ELECTRONIQUE

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200109752 A2-A3 20010208 (WO 0109752)  
Application: WO 2000US20560 20000728 (PCT/WO US0020560)  
Priority Application: US 99364733 19990730

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 122613

...International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... Control Panel. Make sure connection from  
that the tab for System DSN is selected. the **developers5**  
Select Add, then Microsoft ODBC for Oracle machine to the  
The Data Source Name is...

16/3,K/18 (Item 17 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00777016

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR MAINTAINING DATA IN AN  
E-COMMERCE BASED TECHNICAL ARCHITECTURE

SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DE MAINTIEN DES DONNEES DANS UNE  
ARCHITECTURE TECHNIQUE DE COMMERCE ELECTRONIQUE

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US20546 20000728 (PCT/WO US0020546)  
Priority Application: US 99364535 19990730

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GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ  
VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

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Fulltext Word Count: 124205

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... asset databases, solution sets, and management information bases (MEBs). The repositories component interacts with the **management** applications, integration platform, supporting  
223

Backup / Restore

Archiving

Integration Platform

The integration platform provides a...is ready to be migrated to Checkbox production. Use this job aid to assist in **completing** and maintaining the **Project** Configuration Management. It relates the portion of the descriptions in the Project Configuration Management Plan...present descriptioning the detailed processes on the different tabs and for signing off on the **Project** Configuration Management Plan

**developed**. They are also responsible for enforcing processes on their teams, and meeting with project management...architecture that are done by the Tech Support

team. This does not include common code **developed** by the **project** team - that should be included in the CM Appl tab.

Promotion/migration for architecture objects...

...control groups

Tab: Compliance Chk Configuration Management Compliance Checklist  
Definition A checklist for **projects** to use to **complete** an internal audit on their

Configuration Management tasks

374

Purpose Responsibility: all project teams

Teams...are claiming confusing performance characteristics. Technology industry benchmarks provide only minimal insight into true effective **performance**. **Performance measurement** standards are currently in a state of flux. And performance management tools

379

The result...

...yields the optimal performance of network resources in order to meet the business needs.

380

**Performance Measurement** involves the determination of network performance based on metrics, such as those defined later in this portion of the description. Performance measurements are often needed to verify performance level agreements are met and to analyze bottlenecks in

...

...As there are a large number of components involved in today's corporate networks, detailed **performance measurement** can be both complicated as well as time consuming. This should be considered when defining performance agreements. Aids to **performance measurement** include software and hardware monitors.

5

A generic network performance analysis is presented towards the end of this portion of the description. This highlights the complexity involved in **performance measuring**.

Terms and Definitions

These terms describe network performance from a user perspective. A Bottleneck is...

16/3,K/19 (Item 18 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00775305 \*\*Image available\*\*

**A SYSTEM, METHOD AND COMPUTER PROGRAM FOR DETERMINING CAPABILITY LEVEL OF PROCESSES TO EVALUATE OPERATIONAL MATURITY IN AN ADMINISTRATION PROCESS AREA**

**SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DE VERIFICATION D'UN PROCESSUS A MATURITE OPERATIONNELLE PAR DETERMINATION DU NIVEAU D'APTITUDE DANS UN DOMAINE DE PROCESSUS TRAITEMENT D'ADMINISTRATION UTILISATEUR**

Patent Applicant/Assignee:

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(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200108035 A2-A3 20010201 (WO 0108035)

Application: WO 2000US20238 20000726 (PCT/WO US0020238)

Priority Application: US 99360928 19990726

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ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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Fulltext Word Count: 86405

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... practices of a process area that can be used to determine whether an organization or **project** has effectively implemented the process area. The goals signify the scope, boundaries, and intent of...whether the specific process goals or purpose is being achieved.

In the present description, work **product** describes evidence of base practice implementation. For example, a completed change control request, a resolved...Ensure personnel I Training policy is in place for all new release

1140

receive the appropriate **management personnel** . **Organization** wide, type and amount of customers are aware of release management's training capabilities.

GP2.4 Collect data to Data are collected, for example: number of **measure performance** rollouts per month, number of emergency releases er month, etc.

GP2.5 Maintain Status reports...

16/3,K/20 (Item 19 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00775300

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR DETERMINING CAPABILITY LEVELS OF A MONITORING PROCESS AREA FOR PROCESS ASSESSMENT PURPOSES IN AN OPERATIONAL MATURITY INVESTIGATION

SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR DETERMINER LES NIVEAUX DE CAPACITE D'UNE ZONE DE PROCESSUS DE SURVEILLANCE A DES FINS D'EVALUATION DE PROCESSUS DANS UNE ETUDE DE MATURITE OPERATIONNELLE

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US

(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US20280 20000726 (PCT/WO US0020280)

Priority Application: US 99361622 19990726

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HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX

NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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Fulltext Word Count: 77527

Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Detailed Description

#### Detailed Description

... or other protocols could be readily substituted for HTML without undue experimentation.

Information on these **products** is available in T. Berners-Lee, D. Connolly, "RFC 1866: Hypertext Markup Language - 2.0...organizes the standard operational activities that any IT  
Ideas a context for evaluating the

**organizat** on should perform. The second dimension provides performance quality of these operational activities. This dimension... Planning

Business / Disaster Recovery Planning and Management  
Category Goals To provide an assessment of the **organization** 's ability to support and maintain the distributed environment.

To provide a strategic plan for...organization that is appropriate to the process purpose and the business goals of the IT **organization** .

Tailoring the standard process to obtain a defined process appropriate for the task at hand...amount of training Policies/procedures.

GP2.4 Collect data to Data such as the following are collected.

**measure performance** percentage of new items migrated successfully, average test set up time  
GP2.5 Maintain...schedule)

Sample testing documents (ie test scripts)

Sample test report

Technical standards required of all **products**

**Deployment** (3.4)

PANumber ).4

PAN ame Depiovment

PA Purpose Deployment trionnor's the rollout schedule...planning and members I management regarding lead times.

I Work Product GP2.6 Ensure work **products** **Deployment** schedules are **complete** with

Management satish- documented all necessary data (eg. lead time requirements external/internal groups effected, resources...data

The difference between the prices paid and budgets for particular items

Percentage of requested **products** **delivered** on time

The cost of business items purchased unnecessarily or incorrectly

Base Practices

BP Number...

16/3,K/21 (Item 20 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00761432

METHODS, CONCEPTS AND TECHNOLOGY FOR DYNAMIC COMPARISON OF PRODUCT FEATURES  
AND CUSTOMER PROFILE

PROCEDES, CONCEPTS ET TECHNIQUE DE COMPARAISON DYNAMIQUE DE  
CARACTERISTIQUES D'UN PRODUIT ET DU PROFIL DES CONSOMMATEURS

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200073958 A2 20001207 (WO 0073958)  
Application: WO 2000US14459 20000524 (PCT/WO US0014459)  
Priority Application: US 99320818 19990527

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AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

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Fulltext Word Count: 151011

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... etc.

Further, indicia coding may indicate particular phases in which  
components of the system are **delivered**, and more particularly the order  
of delivery of various components of the web architecture framework...

...the components of the system are indicia coded in order to compare the  
services or **products** such as software of prospective thirdparty vendors  
who may stand alone, be part of a...cocoon.htm

The ideal situation is a single repository for analysis, design, and  
code, allowing **developers** to move from design to code and vice versa.  
However, most tools have proprietary repositories...highlights videotape  
of problems that users encountered. These ta' es can be used immediately  
by **developers** and

p

**project** managers to modify the hi-fi prototype as required. The average  
usability test results in 70 to 100 specific recommendations for  
**improvement**.

Remote testing, or telecasting, is an online variation of the usability  
lab. This stillemerging method...client/server applications, have now  
matured and expanded their domain to cover entire client/server  
**development** (e.g. Visual C++) and Netcentric development (e.g.

visual Java IDEs).

IMPORTANT: While IDEs...no benefits will be achieved from automation.

Product Considerations

a) Has R TP (Reinventing Testing Project ) developed a test plan management system?

b) What tools can be used for problem tracking?

The RTP Tools...

16/3,K/22 (Item 21 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00761431

**A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PROVIDING COMMERCE-RELATED WEB APPLICATION SERVICES**

**SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DESTINES A LA FOURNITURE DE SERVICES D'APPLICATION DANS LE WEB LIES AU COMMERCE**

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200073957 A2-A3 20001207 (WO 0073957)

Application: WO 2000US14420 20000525 (PCT/WO US0014420)

Priority Application: US 99321492 19990527

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AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA CH CN CR CU CZ  
CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE  
EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

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Fulltext Word Count: 150171

International Patent Class: G06F-017/60 ...

Fulltext Availability:

Detailed Description

Detailed Description

... new system from the functionality and design of a legacy system. These tools enable the **developer**, to interactively and graphically navigate the legacy system, determining the system's characteristics such as... were first developed, they were targeted at individual developers. This

means that support for team **development** is still not fully mature in the majority of IDEs, although some are closely integrated with...provide code which meets performance requirements? The code/applications generated by the tools vary in **performance**. Optimized code usually results in faster run times. It is important to identify the high...

16/3,K/23 (Item 22 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00761430 \*\*Image available\*\*

**SYSTEM, METHOD AND COMPUTER PROGRAM FOR REPRESENTING PRIORITY INFORMATION CONCERNING COMPONENTS OF A SYSTEM**

**SYSTEME, METHODE ET ARTICLE FABRIQUE PERMETTANT DE CLASSER PAR ORDRE DE PRIORITE DES COMPOSANTS D'UNE STRUCTURE DE RESEAU NECESSAIRES A LA MISE EN OEUVRE D'UNE TECHNIQUE**

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

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Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US14406 20000524 (PCT/WO US0014406)

Priority Application: US 99321274 19990527

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(utility model) CZ DE (utility model) DE DK (utility model) DK DM DZ EE  
(utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR (utility model) KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK (utility model) SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

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Publication Language: English

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Fulltext Word Count: 149024

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... with one embodiment of the present invention;

Figure 3 is an illustration showing a security **organization** functional according to

one embodiment of the present invention;

Figure 4 is an illustration showing...and Java, Product I

uses an open and secure architecture to develop business applications.

The **Product1** **product** family consists of the following components.

Product1 Studio - a visual integrated development environment tool for...

...user interface, data access and PACs. It also integrates with source code control, testing and **deployment** tools.

**Product1** Application Server - a Java- and CORBA-based server that provides state and session management, built...**Product6** Enterprise Manager - Business I's distributed network management foundation that manages large heterogeneous networks. **Product6** Enterprise Manager supports and manages Java applications built for various network types. **Product6** Site Manager...to present different products to different users based upon purchase eligibility. **SellerProduct1** includes search features, **management** tools, and order **management** (including tax, shipping, and payment services.). **BuyerProduct I** - An Internet- based corporate procurement application that...

16/3,K/24 (Item 23 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00761423

A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR EFFECTIVELY CONVEYING WHICH COMPONENTS OF A SYSTEM ARE REQUIRED FOR IMPLEMENTATION OF TECHNOLOGY

SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR L'ACHEMINEMENT EFFICACE DES COMPOSANTS D'UN SYSTEME NECESSAIRES A LA MISE EN PRATIQUE D'UNE TECHNOLOGIE

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200073929 A2 20001207 (WO 0073929)

Application: WO 2000US14457 20000524 (PCT/WO US0014457)

Priority Application: US 99321136 19990527

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AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA CH CN CR CU CZ  
CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE  
EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW



(EA) AM AZ BY KG KZ MD RU TJ TM  
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Fulltext Word Count: 150133

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... as images of physical objects rendered on various mediums such as a computer display, paper **product** , transparency, etc.

For example, various graphics such as line graphs, bar charts and pie charts...illustration of the Integrated Development Environment Architecture (IDEA).

Figure 2C is an illustration showing a **Development Organization Framework** in

accordance with one embodiment of the present invention;

Figure 3 is an illustration...and reused;

Figure 12 is an illustration showing the Repository's central role in the **development** environment;

Figure 13 is an illustration showing an Operational Architecture Framework in

accordance with one...the components of the system are indicia coded in order to convey information regarding building, **managing** , and/or supporting the various components of the system. As such, various capabilities may be...for object-relational databases, with vendors such as Oracle adding object features to their core **products** . Although the support provided at the moment is limited, it is likely that in future... a highlights videotape of problems that users encountered. These tapes can be used immediately by **developers** and **project** managers to modify the hi-fi prototype as required. The average usability test results in...

...and programs.

Extraction

An extraction tool, in conjunction with a repository population tool, enables the **developer** to reuse selected portions of a legacy system. The extraction tool can typically read and...of traces into raw code in order to aid debugging.

Implementation Considerations

a) Does the **project** want to isolate **developers** from the technical environment as much as possible?

b) Are there a large number of developers...or no benefits will be achieved from automation.

Product Considerations

a) Has RTP (Reinventing Testing **Project** ) **developed** a testplan management system?

b) What tools can be used for problem tracking?

The RTP Tools...

...162

the internal test plan management system. The following is a brief

description of the **product** . To view more detailed information, follow this doclink to the RTP Tools Initiative document.

The...

16/3,K/25 (Item 24 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00761422

**BUSINESS ALLIANCE IDENTIFICATION**

**SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION POUR L'IDENTIFICATION D'ALLIANCES COMMERCIALES DANS UN CADRE D'ARCHITECTURE RESEAU**

Patent Applicant/Assignee:

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Inventor(s):

GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US,  
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BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

Legal Representative:

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P.A., P.O. Box 2903, Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

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Priority Application: US 99320816 19990527

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AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT TZ UA UG UZ VN YU ZA ZW

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Detailed Description

Detailed Description

... illustration of the Integrated Development Environment  
Architecture (IDEA).

Figure 2C is an illustration showing a **Development Organization**  
Framework in  
accordance with one embodiment of the present invention;  
Figure 3 is an illustration...

...of the present invention;

Figure 4 is an illustration showing the responsibilities of an  
Environmental

**Management** Team;

Figure 5 is an illustration showing the responsibilities of an

Application Team  
structure;

Figure...user interface, data access and PACs. It also  
integrates with source code control, testing and deployment  
tools.

**Product** I Application Server -a Java- and  
CORBA-based server that provides state and session  
management...

...Internet, extranets, or  
intranets. Product3 supports Java servlet development and network  
caching of web pages.

**Product3** simplifies management of website environments  
through delegation of administrative privileges such as access rights to  
...Product6 Enterprise Manager - Business I 5s  
distributed network management foundation that manages large  
heterogeneous networks. **Product6** Enterprise Manager supports  
and manages Java applications built for various network types.

Product6 Site Manager...numerous source code editors may be required for  
the development of any single web application.

#### **Product Considerations**

a) How well integrated is the editor with other tools in the development  
environment...of traces into raw code in order to aid debugging.

#### **Implementation Considerations**

a) Does the **project** want to isolate **developers** from the technical  
environment as  
much as possible?  
b) Are there a large number of...or no benefits will be achieved from  
automation.

#### **Product Considerations**

a) Has RTP (Reinventing Testing **Project**) **developed** a test plan  
management  
system?  
b) What tools can be used for problem tracking?  
The RTP...

16/3,K/26 (Item 25 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00751214

#### **SYSTEM AND METHOD FOR DEVELOPING AND MANAGING A FINANCIAL SERVICES PRODUCT SYSTEME ET PROCEDE POUR DEVELOPPER ET GERER UN PRODUIT DE SERVICES FINANCIERS**

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GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW  
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Claims

Claim

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Functional Groups/Multimsites...Introduction  
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